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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 4.07407 Seconds

(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-6

Perfect score: 40

Sequence: 1 YKGLC 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/PCUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	40	100.0	6	14	US-10-057-890A-6
2	40	100.0	138	14	US-10-057-890A-10
3	40	100.0	157	14	US-10-057-890A-31
4	40	100.0	427	12	US-10-282-122A-54637
5	38	95.0	357	15	US-10-104-047-2570
6	38	95.0	406	15	US-10-094-749-2523
7	38	95.0	519	15	US-10-094-749-1972
8	38	95.0	618	15	US-10-094-749-2479
9	38	95.0	670	15	US-10-108-260A-3103
10	38	95.0	714	15	US-10-108-260A-2908
11	37	92.5	165	12	US-10-425-114-72843
12	37	92.5	193	12	US-10-412-699B-236
13	37	92.5	193	12	US-10-412-699B-1764
14	37	92.5	193	15	US-10-374-780A-1990
15	37	92.5	522	15	US-10-108-260A-2767

16	37	92.5	799	15	US-10-104-047-2929	Sequence 2929, Ap
17	36	90.0	3067	10	US-09-949-029-18	Sequence 18, Appl
18	35	87.5	139	12	US-10-424-599-185267	Sequence 185267, A
19	35	87.5	250	9	US-09-867-550-760	Sequence 760, App
20	35	87.5	313	9	US-09-800-729-196	Sequence 196, App
21	35	87.5	316	9	US-09-764-864-967	Sequence 967, App
22	35	87.5	317	12	US-10-425-114-38575	Sequence 38575, A
23	35	87.5	402	12	US-10-221-625-36	Sequence 36, Appl
24	35	87.5	408	12	US-10-425-114-56314	Sequence 56314, A
25	34	85.0	23	9	US-09-785-632A-39	Sequence 39, Appl
26	34	85.0	23	14	US-10-223-765-39	Sequence 39, Appl
27	34	85.0	23	14	US-10-314-669-88	Sequence 88, Appl
28	34	85.0	94	12	US-10-424-599-248556	Sequence 248556, A
29	34	85.0	308	9	US-09-764-864-927	Sequence 927, App
30	34	85.0	309	9	US-09-764-864-1366	Sequence 1366, App
31	34	85.0	327	15	US-10-108-260A-3050	Sequence 3050, Ap
32	34	85.0	366	10	US-09-949-029-36	Sequence 96, Appl
33	34	85.0	378	14	US-10-314-669-18	Sequence 18, Appl
34	34	85.0	405	12	US-10-425-114-60543	Sequence 60543, A
35	34	85.0	408	12	US-10-425-114-64193	Sequence 64193, A
36	34	85.0	418	12	US-10-425-114-58386	Sequence 58386, A
37	34	85.0	423	12	US-10-425-114-65227	Sequence 65227, A
38	34	85.0	432	12	US-10-425-114-66035	Sequence 66035, A
39	34	85.0	530	10	US-09-372-348-11	Sequence 11, Appl
40	34	85.0	559	12	US-10-425-114-62755	Sequence 210610, A
41	34	85.0	568	12	US-10-424-599-210610	Sequence 957, App
42	34	85.0	600	9	US-09-764-864-957	Sequence 2973, Ap
43	34	85.0	683	15	US-10-104-047-2973	Sequence 2937, Ap
44	34	85.0	781	15	US-10-104-047-2937	Sequence 34, Appl
45	34	85.0	1323	9	US-09-801-368-34	

ALIGNMENTS

RESULT 1

US-10-057-890A-6
; Sequence 6, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057.890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR FILING DATE: 2001-01-31
; PRIOR FILING DATE: 2001-01-31
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 6
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-6

Query Match 100.0%; Score 40; DB 14; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

QY	1	YKGLC	6

Db	1	YKGLC	6
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RESULT 2

US-10-057-890A-10
; Sequence 10, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy

```
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE REFERENCE: of Using the Same.
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-10

Query Match      100.0%; Score 40; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
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Db      31 YKCGLC 36

RESULT 3
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-31

Query Match      100.0%; Score 40; DB 14; Length 157;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
      |||||
Db      50 YKCGLC 55

RESULT 4
US-10-282-122A-54637
; Sequence 54637, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
```

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; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54637
; LENGTH: 427
; TYPE: PRT
; ORGANISM: Campylobacter jejuni
US-10-282-122A-54637

Query Match      100.0%; Score 40; DB 12; Length 427;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
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Db      86 YKCGLC 91

RESULT 5
US-10-104-047-2570
; Sequence 2570, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2570
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2570

Query Match      95.0%; Score 38; DB 15; Length 357;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
      |||||
Db      334 YKCGIC 339
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RESULT 6
US-10-094-749-2523
; Sequence 2523, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2523
; LENGTH: 406
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-2523

Query Match 95.0%; Score 38; DB 15; Length 406;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
DB 383 YKGCIC 388

RESULT 7
US-10-094-749-1972
; Sequence 1972, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160

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; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1972
; LENGTH: 519
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-1972

Query Match 95.0%; Score 38; DB 15; Length 519;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
DB 435 YKGCIC 440

RESULT 8
US-10-094-749-2479
; Sequence 2479, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2479
; LENGTH: 618
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-2479

Query Match 95.0%; Score 38; DB 15; Length 618;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
DB 220 YKGCIC 225

RESULT 9
US-10-108-260A-3103

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; Sequence 3103, Application US/10108260A
 ; Publication No. US20040005560A1
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
 ; FILE REFERENCE: H1-A0106
 ; CURRENT APPLICATION NUMBER: US/10/108,260A
 ; CURRENT FILING DATE: 2002-03-27
 ; NUMBER OF SEQ ID NOS: 5458
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 3103
 ; LENGTH: 670
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-108-260A-3103

Query Match 95.0%; Score 38; DB 15; Length 670;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
 |||||
 Db 620 YKGLC 625

RESULT 10
 US-10-108-260A-2908
 ; Sequence 2908, Application US/10108260A
 ; Publication No. US20040005560A1
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
 ; FILE REFERENCE: H1-A0106
 ; CURRENT APPLICATION NUMBER: US/10/108,260A
 ; CURRENT FILING DATE: 2002-03-27
 ; NUMBER OF SEQ ID NOS: 5458
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2908
 ; LENGTH: 714
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-108-260A-2908

Query Match 95.0%; Score 38; DB 15; Length 714;
 Best Local Similarity 83.3%; Pred. No. 2e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
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 Db 691 YKGLC 696

RESULT 11
 US-10-425-114-72843
 ; Sequence 72843, Application US/10425114
 ; Publication No. US20040034888A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Liu, Jingdong
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Screen, Steven E.
 ; APPLICANT: Tabaska, Jack E.
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; FILE REFERENCE: 38-21(5313)B
 ; CURRENT APPLICATION NUMBER: US/10/425,114
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 73128
 ; SEQ ID NO 72843
 ; LENGTH: 165
 ; TYPE: PRT
 ; ORGANISM: Arabidopsis thaliana

; FEATURE:
 ; OTHER INFORMATION: Clone ID: JC-ATXP83C245B19T7060_FLI pep
 ; US-10-425-114-72843

Query Match 92.5%; Score 37; DB 12; Length 165;
 Best Local Similarity 83.3%; Pred. No. 86;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
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 Db 47 YKGLC 52

RESULT 12
 US-10-412-699B-236
 ; Sequence 236, Application US/10412699B
 ; Publication No. US20040045049A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mendel Biotechnology, Inc.
 ; APPLICANT: Zhang, James
 ; APPLICANT: Fromm, Michael E.
 ; APPLICANT: Heard, Jacqueline E.
 ; APPLICANT: Riechmann, Jose Luis
 ; APPLICANT: Adam, Luc J.
 ; APPLICANT: Broun, Pierre E.
 ; APPLICANT: Pineda, Omaira
 ; APPLICANT: Reuber, T. Lynne
 ; APPLICANT: Keddle, James S.
 ; APPLICANT: Yu, Guo-Liang
 ; APPLICANT: Jiang, Cai-Zhong
 ; APPLICANT: Samaha, Raymond R.
 ; APPLICANT: Pilgrim, Marsha L.
 ; APPLICANT: Creelman, Robert A.
 ; APPLICANT: DuBell, Arnold N.
 ; APPLICANT: Ratcliffe, Oliver
 ; APPLICANT: Sherman, Bradley K.
 ; TITLE OF INVENTION: Polynucleotides and Polypeptides in Plants
 ; FILE REFERENCE: MBI-0048CIP
 ; CURRENT APPLICATION NUMBER: US/10/412,699B
 ; CURRENT FILING DATE: 2003-04-10
 ; PRIOR APPLICATION NUMBER: 09/394,519
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: 09/489,376
 ; PRIOR FILING DATE: 2000-01-21
 ; PRIOR APPLICATION NUMBER: 09/506,720
 ; PRIOR FILING DATE: 2000-02-17
 ; PRIOR APPLICATION NUMBER: 09/533,030
 ; PRIOR FILING DATE: 2000-03-22
 ; PRIOR APPLICATION NUMBER: 09/533,392
 ; PRIOR FILING DATE: 2000-03-22
 ; PRIOR APPLICATION NUMBER: 09/533,029
 ; PRIOR FILING DATE: 2000-03-22
 ; PRIOR APPLICATION NUMBER: 09/532,591
 ; PRIOR FILING DATE: 2000-03-22
 ; PRIOR APPLICATION NUMBER: 09/533,648
 ; PRIOR FILING DATE: 2000-03-22
 ; PRIOR APPLICATION NUMBER: 09/713,994
 ; PRIOR FILING DATE: 2000-11-16
 ; PRIOR APPLICATION NUMBER: 09/819,142
 ; PRIOR FILING DATE: 2001-03-27
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 2011
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 236
 ; LENGTH: 193
 ; TYPE: PRT
 ; ORGANISM: Arabidopsis thaliana
 ; FEATURE:
 ; OTHER INFORMATION: G351
 ; US-10-412-699B-236

Query Match 92.5%; Score 37; DB 12; Length 193;

Best Local Similarity 83.3%; Pred. No. 98;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
|||||:
Db 75 YKCGVC 80

RESULT 13

US-10-412-699B-1764
; Sequence 1764, Application US/10412699B
; Publication No. US20040045049A1

GENERAL INFORMATION:

APPLICANT: Mendel Biotechnology, Inc.

APPLICANT: Zhang, James

APPLICANT: Fromm, Michael E.

APPLICANT: Heard, Jacqueline E.

APPLICANT: Riechmann, Jose Luis

APPLICANT: Adam, Luc J.

APPLICANT: Broun, Pierre E.

APPLICANT: Pineda, Omaira

APPLICANT: Reuber, T. Lynne

APPLICANT: Keddle, James S.

APPLICANT: Yu, Guo-Liang

APPLICANT: Jiang, Cai-Zhong

APPLICANT: Samaha, Raymond R.

APPLICANT: Pilgrim, Marsha L.

APPLICANT: Creelman, Robert A.

APPLICANT: Dubell, Arnold N.

APPLICANT: Ratcliffe, Oliver

APPLICANT: Kumimoto, Roderick

APPLICANT: Sherman, Bradley K.

TITLE OF INVENTION: Polynucleotides and Polypeptides in Plants

FILE REFERENCE: MBI-0048CIP

CURRENT APPLICATION NUMBER: US/10/412,699B

PRIOR FILING DATE: 2003-04-10

PRIOR APPLICATION NUMBER: 09/394,519

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: 09/489,376

PRIOR FILING DATE: 2000-01-21

PRIOR APPLICATION NUMBER: 09/506,720

PRIOR FILING DATE: 2000-02-17

PRIOR APPLICATION NUMBER: 09/533,030

PRIOR FILING DATE: 2000-03-22

PRIOR APPLICATION NUMBER: 09/533,392

PRIOR FILING DATE: 2000-03-22

PRIOR APPLICATION NUMBER: 09/533,029

PRIOR FILING DATE: 2000-03-22

PRIOR APPLICATION NUMBER: 09/532,591

PRIOR FILING DATE: 2000-03-22

PRIOR APPLICATION NUMBER: 09/533,648

PRIOR FILING DATE: 2000-03-22

PRIOR APPLICATION NUMBER: 09/713,994

PRIOR FILING DATE: 2000-11-16

PRIOR APPLICATION NUMBER: 09/819,142

PRIOR FILING DATE: 2001-03-27

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2011

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1764

LENGTH: 193

TYPE: PRT

ORGANISM: Arabidopsis thaliana

US-10-412-699B-1764

Query Match 92.5%; Score 37; DB 12; Length 193;

Best Local Similarity 83.3%; Pred. No. 98;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
|||||:
Db 75 YKCGVC 80

Best Local Similarity 83.3%; Pred. No. 98;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
|||||:
Db 75 YKCGVC 80

US-10-374-780A-1990
; Sequence 1990, Application US/10374780A
; Publication No. US20040019927A1

GENERAL INFORMATION:

APPLICANT: Sherman, Bradley K.

APPLICANT: Riechmann, Jose Luis

APPLICANT: Jiang, Cai-Zhong

APPLICANT: Heard, Jacqueline E.

APPLICANT: Haake, Volker

APPLICANT: Creelman, Robert A.

APPLICANT: Ratcliffe, Oliver

APPLICANT: Adam, Luc J.

APPLICANT: Reuber, T. Lynne

APPLICANT: Keddle, James

APPLICANT: Broun, Pierre E.

APPLICANT: Pilgrim, Marsha L.

APPLICANT: Dubell III, Arnold T

APPLICANT: Pineda, Omaira

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS

FILE REFERENCE: MBI-0047 CIP

CURRENT APPLICATION NUMBER: US/10/374,780A

CURRENT FILING DATE: 2003-02-25

PRIOR APPLICATION NUMBER: 09/837,944

PRIOR FILING DATE: 2001-04-18

PRIOR APPLICATION NUMBER: 60/310,847

PRIOR FILING DATE: 2001-08-09

PRIOR APPLICATION NUMBER: 09/934,455

PRIOR FILING DATE: 2001-08-22

PRIOR APPLICATION NUMBER: 60/336,049

PRIOR FILING DATE: 2001-11-19

PRIOR APPLICATION NUMBER: 60/338,692

PRIOR FILING DATE: 2001-12-11

PRIOR APPLICATION NUMBER: 10/171,468

PRIOR FILING DATE: 2002-06-14

PRIOR APPLICATION NUMBER: 10/225,066

PRIOR FILING DATE: 2002-08-09

PRIOR APPLICATION NUMBER: 10/225,067

PRIOR FILING DATE: 2002-08-09

PRIOR APPLICATION NUMBER: 10/225,068

PRIOR FILING DATE: 2002-08-09

NUMBER OF SEQ ID NOS: 2906

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1990

LENGTH: 193

TYPE: PRT

ORGANISM: Arabidopsis thaliana

FEATURE:

OTHER INFORMATION: G351 Paralogous to G545

US-10-374-780A-1990

Query Match 92.5%; Score 37; DB 15; Length 193;

Best Local Similarity 83.3%; Pred. No. 98;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YKGLC 6
|||||:
Db 75 YKCGVC 80

RESULT 15

US-10-108-260A-2767

; Sequence 2767, Application US/10108260A

; Publication No. US2004000560A1

GENERAL INFORMATION:

APPLICANT: HELIX RESEARCH INSTITUTE

TITLE OF INVENTION: No. US2004000560A1e1 full length cDNA

FILE REFERENCE: H1-A0106

CURRENT APPLICATION NUMBER: US/10/108,260A

CURRENT FILING DATE: 2002-03-27

NUMBER OF SEQ ID NOS: 5458

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2767
; LENGTH: 522
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-2767
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Query Match      92.5%; Score 37; DB 15; Length 522;
Best Local Similarity 93.3%; Pred. NO. 2.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY      1 YKCGLC 6
      |::|||
Db      412 YKCGLC 417
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Search completed: March 18, 2004, 00:55:11
Job time : 4.07407 secs
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Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	40	100.0	6	14	US-10-057-890A-6	Sequence 6, Appli
2	40	100.0	138	14	US-10-057-890A-10	Sequence 10, Appl
3	40	100.0	427	14	US-10-057-890A-31	Sequence 31, Appl
4	40	100.0	427	12	US-10-282-122A-54637	Sequence 54637, A
5	38	95.0	357	15	US-10-104-047-2570	Sequence 2570, Ap
6	38	95.0	406	15	US-10-094-749-2523	Sequence 2523, Ap
7	38	95.0	519	15	US-10-094-749-1972	Sequence 1972, Ap
8	38	95.0	618	15	US-10-094-749-2479	Sequence 2479, Ap
9	38	95.0	670	15	US-10-108-260A-3103	Sequence 3103, Ap
10	38	95.0	174	15	US-10-108-260A-2908	Sequence 2908, Ap
11	37	92.5	165	12	US-10-425-114-72843	Sequence 72843, A
12	37	92.5	193	12	US-10-412-699B-236	Sequence 236, App
13	37	92.5	193	12	US-10-412-699B-1764	Sequence 1764, Ap
14	37	92.5	193	15	US-10-374-780A-1990	Sequence 1990, Ap
15	37	92.5	522	15	US-10-108-260A-2767	Sequence 2767, Ap

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; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-10

Query Match      100.0%; Score 40; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
        |||||
Db      31 YKCGLC 36

RESULT 3
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-31

Query Match      100.0%; Score 40; DB 14; Length 157;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
        .|||||
Db      50 YKCGLC 55

RESULT 4
US-10-282-122A-54637
; Sequence 54637, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert

```

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; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54637
; LENGTH: 427
; TYPE: PRT
; ORGANISM: Campylobacter jejuni
US-10-282-122A-54637

Query Match      100.0%; Score 40; DB 12; Length 427;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
        |||||
Db      86 YKCGLC 91

RESULT 5
US-10-104-047-2570
; Sequence 2570, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2570
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2570

Query Match      95.0%; Score 38; DB 15; Length 357;
Best Local Similarity 83.3%; Pred. No. 11e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
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Db      334 YKCGIC 339

```



```
RESULT 6
US-10-094-749-2523
; Sequence 2523, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHINAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2523
; LENGTH: 406
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-2523

Query Match          95.0%; Score 38; DB 15; Length 406;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
        ||||:|
Db      383 YKCGIC 388

RESULT 7
US-10-094-749-1972
; Sequence 1972, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHINAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
; FILE REFERENCE: 084335/0160
```

```
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1972
; LENGTH: 519
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-1972

Query Match          95.0%; Score 38; DB 15; Length 519;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
        ||||:|
Db      435 YKCGMC 440

RESULT 8
US-10-094-749-2479
; Sequence 2479, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHINAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2479
; LENGTH: 618
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-2479

Query Match          95.0%; Score 38; DB 15; Length 618;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
        ||||:|
Db      220 YKCGIC 225

RESULT 9
US-10-108-260A-3103
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; Sequence 3103, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3103
; LENGTH: 670
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-3103

Query Match      95.0%; Score 38; DB 15; Length 670;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
DB      620 YKCGMC 625

RESULT 10
; Sequence 2908, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2908
; LENGTH: 714
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-2908

Query Match      95.0%; Score 38; DB 15; Length 714;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
DB      691 YKCGIC 696

RESULT 11
; Sequence 72843, Application US/10425114
; Publication No. US2004003488A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaka, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 72843
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana

; Sequence 3103, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3103
; LENGTH: 670
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-3103

Query Match      95.0%; Score 38; DB 15; Length 670;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
DB      620 YKCGMC 625

RESULT 10
; Sequence 2908, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2908
; LENGTH: 714
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-2908

Query Match      95.0%; Score 38; DB 15; Length 714;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 YKCGLC 6
DB      691 YKCGIC 696

RESULT 11
; Sequence 72843, Application US/10425114
; Publication No. US2004003488A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaka, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 72843
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana

; Sequence 236, Application US/10412699B
; Publication No. US20040045049A1
; GENERAL INFORMATION:
; APPLICANT: Mendel Biotechnology, Inc.
; APPLICANT: Zhang, James
; APPLICANT: Fromm, Michael E.
; APPLICANT: Heard, Jacqueline E.
; APPLICANT: Riechmann, Jose Luis
; APPLICANT: Adam, Luc J.
; APPLICANT: Broun, Pierre E.
; APPLICANT: Pineda, Omaira
; APPLICANT: Reuber, T. Lynne
; APPLICANT: Keddle, James S.
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Jiang, Cai-Zhong
; APPLICANT: Samaha, Raymond R.
; APPLICANT: Pilgrim, Marsha L.
; APPLICANT: Creelman, Robert A.
; APPLICANT: DuBell, Arnold N.
; APPLICANT: Ratcliffe, Oliver
; APPLICANT: Sherman, Bradley K.
; APPLICANT: Kumamoto, Roderick
; TITLE OF INVENTION: Polynucleotides and Polypeptides in Plants
; FILE REFERENCE: MBI-0048CIP
; CURRENT APPLICATION NUMBER: US/10/412,699B
; CURRENT FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: 09/394,519
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: 09/489,376
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: 09/506,720
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: 09/533,030
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 09/533,392
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 09/533,029
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 09/532,591
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 09/533,648
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 09/713,994
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 09/819,142
; PRIOR FILING DATE: 2001-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2011
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 236
; LENGTH: 193
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; OTHER INFORMATION: G351
US-10-412-699B-236

Query Match      92.5%; Score 37; DB 12; Length 193;
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2767
; LENGTH: 522
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-2767
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Query Match      92.5%; Score 37; DB 15; Length 522;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 YKCGLC 6
      |:|
Db      412 YKCGLC 417
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Search completed: March 18, 2004, 00:55:11
Job time : 4.07407 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 3.39506 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-7

Perfect score: 30
Sequence: 1 HQRVH 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

1: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/prodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/prodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/prodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/prodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pep.*
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9: /cgn2_6/prodata/1/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/prodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/prodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/prodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	30	100.0	5	14	US-10-057-890A-7
2	30	100.0	23	14	US-10-223-765-181
3	30	100.0	23	14	US-10-314-669-103
4	30	100.0	23	15	US-10-074-978A-123
5	30	100.0	23	15	US-10-074-978A-124
6	30	100.0	23	15	US-10-074-978A-125
7	30	100.0	23	15	US-10-074-978A-126
8	30	100.0	23	15	US-10-074-978A-127
9	30	100.0	30	9	US-09-864-761-43845
10	30	100.0	51	14	US-10-029-386-29892
11	30	100.0	52	14	US-10-029-386-29011
12	30	100.0	73	14	US-10-029-386-33598
13	30	100.0	88	9	US-09-764-864-1488
14	30	100.0	93	11	US-09-833-245-304
15	30	100.0	93	14	US-10-144-156-2

Sequence 30335, A
Sequence 1372, Ap
Sequence 1355, Ap
Sequence 970, App
Sequence 815, App
Sequence 43918, A
Sequence 238, App
Sequence 238, App
Sequence 37006, A
Sequence 49318, A
Sequence 6455, Ap
Sequence 10, Appl
Sequence 2472, Ap
Sequence 2556, Ap
Sequence 3007, Ap
Sequence 1321, Ap
Sequence 31, Appl
Sequence 1486, Ap
Sequence 1472, Ap
Sequence 3344, Ap
Sequence 36704, A
Sequence 257816,
Sequence 115, App
Sequence 2477, Ap
Sequence 3787, Ap
Sequence 4369, Ap
Sequence 114, App
Sequence 2671, Ap
Sequence 1358, Ap
Sequence 1046, Ap

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30 100.0 114 9 US-09-764-864-1372
30 100.0 115 9 US-09-925-300-1555
30 100.0 120 9 US-09-764-864-970
30 100.0 125 9 US-09-764-853-815
30 100.0 126 9 US-09-864-761-43918
30 100.0 127 10 US-09-820-649-238
30 100.0 127 14 US-10-160-162-238
30 100.0 131 12 US-10-425-114-37006
30 100.0 134 12 US-10-425-114-49318
30 100.0 135 14 US-10-106-698-6455
30 100.0 138 14 US-10-057-890A-10
30 100.0 144 15 US-10-108-260A-2472
30 100.0 145 15 US-10-104-047-2556
30 100.0 153 15 US-10-104-047-3007
30 100.0 154 9 US-09-764-864-1321
30 100.0 157 14 US-10-057-890A-31
30 100.0 165 9 US-09-764-864-1486
30 100.0 166 9 US-09-764-864-1472
30 100.0 167 15 US-10-108-260A-3344
30 100.0 180 9 US-09-864-761-36704
30 100.0 181 12 US-10-424-599-257816
30 100.0 183 15 US-10-074-978A-115
30 100.0 184 15 US-10-104-047-2477
30 100.0 184 15 US-10-108-260A-3787
30 100.0 184 15 US-10-108-260A-4369
30 100.0 184 15 US-10-074-978A-114
30 100.0 190 15 US-10-264-049-2671
30 100.0 191 9 US-09-764-864-1358
30 100.0 192 9 US-09-764-864-1046

ALIGNMENTS

RESULT 1

US-10-057-890A-7
; Sequence 7, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION: Timothy
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE REFERENCE: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 7
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-7

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5

DB 1 HORVH 5

RESULT 2

US-10-223-765-181
; Sequence 181, Application US/10223765
; Publication No. US20030165997A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo

```

; APPLICANT: Bae, Kwang-Hee
; APPLICANT: Park, Kyung-Soon
; APPLICANT: Kwon, Young Do
; APPLICANT: Ryu, Eun-Hyun
; APPLICANT: Hwang, Moon-Sun
; TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
; FILE REFERENCE: 12279-005001
; CURRENT APPLICATION NUMBER: US/10/223,765
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: 60/374,355
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/313,402
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 305
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 181
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-765-181

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```

Query Match      100.0%; Score 30; DB 14; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      1 HORVH 5
DB      19 HORVH 23

```

```

RESULT 3
US-10-314-669-103
; Sequence 103, Application US/10314669
; Publication No. US20030194727A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo
; APPLICANT: Park, Kyung-Soon
; APPLICANT: Lee, Dong-Ki
; APPLICANT: Seol, Wongi
; APPLICANT: Lee, Horim
; APPLICANT: Lee, Seong-il
; APPLICANT: Yang, Hyo-Young
; APPLICANT: Lee, Yangsoon
; APPLICANT: Jang, Young-Soon
; TITLE OF INVENTION: PHENOTYPIC SCREEN OF CHIMERIC PROTEINS
; FILE REFERENCE: 12279-007001
; CURRENT APPLICATION NUMBER: US/10/314,669
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/338,441
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/376,053
; PRIOR FILING DATE: 2002-04-26
; PRIOR APPLICATION NUMBER: US 60/400,904
; PRIOR FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/401,089
; PRIOR FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 103
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-314-669-103

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Query Match      100.0%; Score 30; DB 14; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      1 HORVH 5
DB      19 HORVH 23

```

```

RESULT 4
US-10-074-978A-123
; Sequence 123, Application US/10074978A
; Publication No. US20040010119A1
; GENERAL INFORMATION:
; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiahong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Bialock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shinkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A11le
; APPLICANT: Shenoy, Suresh
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glendna
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-269
; CURRENT APPLICATION NUMBER: US/10/074,978A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: 60/268,221
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/335,109
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/312,284
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: 60/268,496
; PRIOR FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: 60/276,703
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/330,293
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/322,127
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/280,899
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 60/310,797
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/268,646
; PRIOR FILING DATE: 2001-02-14
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-978A-123

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```

Query Match      100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; ORGANISM: Homo sapiens
US-10-074-978A-124
Query Match      100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches      5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HORVH 5
Db      19 HORVH 23

RESULT 5
US-10-074-978A-124
; Sequence 124, Application US/10074978A
; Publication No. US20040010119A1
; GENERAL INFORMATION:
; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Liu, Xiahong
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Bialock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shinkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1
; APPLICANT: Shenoy, Suresh
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-269
; CURRENT APPLICATION NUMBER: US/10/074,978A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: 60/268,221
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/335,109
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/312,284
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: 60/268,496
; PRIOR FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: 60/276,703
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/330,293
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/322,127
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/280,899
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 60/310,797
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/268,646
; PRIOR FILING DATE: 2001-02-14
; REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 23
; TYPE: PRT

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; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-978A-125

Query Match 100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
|||||
Db 19 HORVH 23

RESULT 7

US-10-074-978A-126
; Sequence 126, Application US/10074978A
; Publication No. US20040010119A1

GENERAL INFORMATION:

; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiahong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Blalock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1lle
; APPLICANT: Shenoy, Suresh
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda

; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

; FILE REFERENCE: 21402-269

; CURRENT APPLICATION NUMBER: US/10/074,978A

; CURRENT FILING DATE: 2003-01-07

; PRIOR APPLICATION NUMBER: 60/268,221

; PRIOR FILING DATE: 2001-02-12

; PRIOR APPLICATION NUMBER: 60/335,109

; PRIOR FILING DATE: 2001-10-31

; PRIOR APPLICATION NUMBER: 60/312,284

; PRIOR FILING DATE: 2001-08-14

; PRIOR APPLICATION NUMBER: 60/268,496

; PRIOR FILING DATE: 2001-02-13

; PRIOR APPLICATION NUMBER: 60/276,703

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/330,293

; PRIOR FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 60/322,127

; PRIOR FILING DATE: 2001-11-21

; PRIOR APPLICATION NUMBER: 60/280,899
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 60/310,797
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/268,646
; PRIOR FILING DATE: 2001-02-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-978A-126

Query Match 100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
|||||
Db 19 HORVH 23

RESULT 8

US-10-074-978A-127
; Sequence 127, Application US/10074978A
; Publication No. US20040010119A1

GENERAL INFORMATION:

; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiahong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Blalock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1lle
; APPLICANT: Shenoy, Suresh
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda

; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

; FILE REFERENCE: 21402-269

; CURRENT APPLICATION NUMBER: US/10/074,978A

; CURRENT FILING DATE: 2003-01-07

; PRIOR APPLICATION NUMBER: 60/268,221

; PRIOR FILING DATE: 2001-02-12

; PRIOR APPLICATION NUMBER: 60/335,109

; PRIOR FILING DATE: 2001-10-31

; PRIOR APPLICATION NUMBER: 60/312,284

; PRIOR FILING DATE: 2001-08-14

; PRIOR APPLICATION NUMBER: 60/268,496

; PRIOR FILING DATE: 2001-02-13


```
/ PRIOR APPLICATION NUMBER: 60/276,703
/ PRIOR FILING DATE: 2001-03-16
/ PRIOR APPLICATION NUMBER: 60/330,293
/ PRIOR FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 60/322,127
/ PRIOR FILING DATE: 2001-11-21
/ PRIOR APPLICATION NUMBER: 60/280,899
/ PRIOR FILING DATE: 2001-04-02
/ PRIOR APPLICATION NUMBER: 60/310,797
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/268,646
/ PRIOR FILING DATE: 2001-02-14
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 127
/ LENGTH: 23
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-074-978A-127

Query Match      100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 HORVH 5
Db      19 HORVH 23

RESULT 9
US-09-864-761-43845
/ Sequence 43845, Application US/09864761
/ Patent No. US20020048763A1
/ GENERAL INFORMATION:
/ APPLICANT: Penn, Sharon G.
/ APPLICANT: Rank, David R.
/ APPLICANT: Hanzel, David K.
/ APPLICANT: Chen, Wensheng
/ TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
/ FILE REFERENCE: Aescmca-X-1
/ CURRENT APPLICATION NUMBER: US/09/864,761
/ CURRENT FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/180,312
/ PRIOR FILING DATE: 2000-02-04
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 09/632,366
/ PRIOR FILING DATE: 2000-08-03
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 09/608,408
/ PRIOR FILING DATE: 2000-06-30
/ PRIOR APPLICATION NUMBER: US 09/774,203
/ PRIOR FILING DATE: 2001-01-29
/ NUMBER OF SEQ ID NOS: 49117
/ SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
/ SEQ ID NO 43845
/ LENGTH: 30
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: MAP TO AC005324.1
/ OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.62
/ OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.6
/ OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.84
/ OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.78
/ OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.6
/ OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.86
/ OTHER INFORMATION: SWISSPROT HIT: O60765, EVALUE 3.00e-08
/ OTHER INFORMATION: EST_HUMAN HIT: BE902618.1, EVALUE 6.00e-12
US-09-864-761-43845

Query Match      100.0%; Score 30; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 HORVH 5
Db      21 HORVH 25

RESULT 10
US-10-029-386-29892
/ Sequence 29892, Application US/10029386
/ Publication No. US20030194704A1
/ GENERAL INFORMATION:
/ APPLICANT: Penn, Sharon G.
/ APPLICANT: Rank, David R.
/ APPLICANT: Hanzel, David K.
/ TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
/ FILE REFERENCE: AEWICA-X-2
/ CURRENT APPLICATION NUMBER: US/10/029,386
/ CURRENT FILING DATE: 2001-12-20
/ NUMBER OF SEQ ID NOS: 34288
/ SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
/ SEQ ID NO 29892
/ LENGTH: 51
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: MAP TO CHR1.1
/ OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.9
/ OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.97
/ OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.81
/ OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
/ OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.76
/ OTHER INFORMATION: SWISSPROT HIT: Q9NYT6, EVALUE 1.00e-26
US-10-029-386-29892

Query Match      100.0%; Score 30; DB 14; Length 51;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 HORVH 5
Db      6 HORVH 10

RESULT 11
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US-10-029-386-29011
 ; Sequence 29011, Application US/10029386
 ; Publication No. US2003019404A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
 ; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
 ; FILE REFERENCE: AEWICA-X-2
 ; CURRENT APPLICATION NUMBER: US/10/029,386
 ; CURRENT FILING DATE: 2001-12-20
 ; NUMBER OF SEQ ID NOS: 34288
 ; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 29011
 ; LENGTH: 52
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO CHR1.1
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.78
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.54
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.5
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.44
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.96
 ; OTHER INFORMATION: SWISSPROT HIT: Q9UL59, EVALUE 7.00e-20
 US-10-029-386-29011

Query Match 100.0%; Score 30; DB 14; Length 52;
 Best Local Similarity 100.0%; Pred. No. 61; Mismatches 0; Indels 0; Gaps 0;
 Matches 5; Conservative 0;

QY 1 HORVH 5
 |||||
 Db 17 HORVH 21

RESULT 12
 US-10-029-386-33598
 ; Sequence 33598, Application US/10029386
 ; Publication No. US2003019404A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
 ; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
 ; FILE REFERENCE: AEWICA-X-2
 ; CURRENT APPLICATION NUMBER: US/10/029,386
 ; CURRENT FILING DATE: 2001-12-20
 ; NUMBER OF SEQ ID NOS: 34288
 ; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 33598
 ; LENGTH: 79
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO CHR1.1
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.8
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
 ; OTHER INFORMATION: SWISSPROT HIT: Q6L116, EVALUE 1.00e-41
 US-10-029-386-33598

Query Match 100.0%; Score 30; DB 14; Length 79;
 Best Local Similarity 100.0%; Pred. No. 90; Mismatches 0; Indels 0; Gaps 0;
 Matches 5; Conservative 0;

QY 1 HORVH 5
 |||||
 Db 56 HORVH 60

RESULT 13
 US-09-764-864-1488
 ; Sequence 1488, Application US/09764864
 ; Patent No. US20030132753A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PT223
 ; CURRENT APPLICATION NUMBER: US/09/764,864
 ; CURRENT FILING DATE: 2001-01-17
 ; Prior application data removed - consult PALM or file wrapper
 ; NUMBER OF SEQ ID NOS: 1792
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1488
 ; LENGTH: 88
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-764-864-1488

Query Match 100.0%; Score 30; DB 9; Length 88;
 Best Local Similarity 100.0%; Pred. No. 99; Mismatches 0; Indels 0; Gaps 0;
 Matches 5; Conservative 0;

QY 1 HORVH 5
 |||||
 Db 54 HORVH 58

RESULT 14
 US-09-833-245-304
 ; Sequence 304, Application US/09833245
 ; Publication No. US20040010134A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Human Genome Sciences, Inc.
 ; TITLE OF INVENTION: Albumin Fusion Proteins
 ; FILE REFERENCE: PF546PCT
 ; CURRENT APPLICATION NUMBER: US/09/833,245
 ; CURRENT FILING DATE: 2001-04-12
 ; PRIOR APPLICATION NUMBER: 60/229,358
 ; PRIOR FILING DATE: 2000-04-12
 ; PRIOR APPLICATION NUMBER: 60/256,931
 ; PRIOR FILING DATE: 2000-12-21
 ; PRIOR APPLICATION NUMBER: 60/199,384
 ; PRIOR FILING DATE: 2000-04-25
 ; NUMBER OF SEQ ID NOS: 2267
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 304
 ; LENGTH: 93
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (5)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-09-833-245-304

Query Match 100.0%; Score 30; DB 11; Length 93;
 Best Local Similarity 100.0%; Pred. No. 1e-02; Mismatches 0; Indels 0; Gaps 0;
 Matches 5; Conservative 0;

QY 1 HORVH 5
 |||||
 Db 56 HORVH 60

RESULT 15
 US-10-144-156-2
 ; Sequence 2, Application US/10144156
 ; Publication No. US2003016619A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ecker, Joseph R.
 ; APPLICANT: Nehring, Ramlah
 ; APPLICANT: McGrath, Robert B.

```
; TITLE OF INVENTION: ETHYLENE INSENSITIVE PLANTS
; FILE REFERENCE: SALKINS.040A
; CURRENT APPLICATION NUMBER: US/10/144,156
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 93
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: ZN FING
; LOCATION: (1)...(93)
US-10-144-156-2
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Query Match 100.0%; Score 30; DB 14; Length 93;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
   |||||
Db 23 HORVH 27
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Search completed: March 18, 2004, 00:55:12
Job time : 4.39506 secs

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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 3.39506 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-7

Perfect score: 30

Sequence: 1 HQRVH 5

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
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8: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	30	100.0	5	14	US-10-057-890A-7
2	30	100.0	23	14	US-10-223-765-181
3	30	100.0	23	14	US-10-314-669-103
4	30	100.0	23	15	US-10-074-978A-123
5	30	100.0	23	15	US-10-074-978A-124
6	30	100.0	23	15	US-10-074-978A-125
7	30	100.0	23	15	US-10-074-978A-126
8	30	100.0	23	15	US-10-074-978A-127
9	30	100.0	30	9	US-09-864-761-37006
10	30	100.0	51	14	US-10-029-386-29892
11	30	100.0	52	14	US-10-029-386-29011
12	30	100.0	79	14	US-10-029-386-33598
13	30	100.0	88	9	US-09-764-864-1498
14	30	100.0	93	11	US-09-833-245-304
15	30	100.0	93	14	US-10-144-156-2

Sequence 30335, A
Sequence 1372, Ap
Sequence 1555, Ap
Sequence 970, App
Sequence 815, App
Sequence 43918, A
Sequence 238, App
Sequence 238, App
Sequence 7006, A
Sequence 49318, A
Sequence 6455, Ap
Sequence 10, Appl
Sequence 2472, Ap
Sequence 2556, Ap
Sequence 3007, Ap
Sequence 1321, Ap
Sequence 31, Appl
Sequence 1486, Ap
Sequence 1472, Ap
Sequence 3344, Ap
Sequence 36704, A
Sequence 257816, A
Sequence 115, App
Sequence 2477, Ap
Sequence 3787, Ap
Sequence 4369, Ap
Sequence 114, App
Sequence 2671, Ap
Sequence 1358, Ap
Sequence 1046, Ap

16 30 100.0 99 14 US-10-029-386-30335
17 30 100.0 114 9 US-09-764-864-1372
18 30 100.0 115 9 US-09-925-300-1555
19 30 100.0 120 9 US-09-764-864-970
20 30 100.0 125 9 US-09-764-853-815
21 30 100.0 126 9 US-09-864-761-43918
22 30 100.0 127 10 US-09-820-649-238
23 30 100.0 127 14 US-10-160-162-238
24 30 100.0 131 12 US-10-425-114-37006
25 30 100.0 134 12 US-10-425-114-49318
26 30 100.0 135 14 US-10-106-698-6455
27 30 100.0 138 14 US-10-057-890A-10
28 30 100.0 144 15 US-10-108-260A-2472
29 30 100.0 145 15 US-10-104-047-2556
30 30 100.0 153 15 US-10-104-047-3007
31 30 100.0 154 9 US-09-764-864-1321
32 30 100.0 157 14 US-10-057-890A-31
33 30 100.0 165 9 US-09-764-864-1486
34 30 100.0 166 9 US-09-764-864-1472
35 30 100.0 167 15 US-10-108-260A-3344
36 30 100.0 180 9 US-09-864-761-36704
37 30 100.0 181 12 US-10-424-599-257816
38 30 100.0 183 15 US-10-074-978A-115
39 30 100.0 184 15 US-10-104-047-2477
40 30 100.0 184 15 US-10-108-260A-3787
41 30 100.0 184 15 US-10-108-260A-4369
42 30 100.0 184 15 US-10-074-978A-114
43 30 100.0 190 15 US-10-264-049-2671
44 30 100.0 191 9 US-09-764-864-1358
45 30 100.0 192 9 US-09-764-864-1046

ALIGNMENTS

RESULT 1

US-10-057-890A-7

; Sequence 7, Application US/10057890A

; Publication No. US20030044901A1

; GENERAL INFORMATION:

; APPLICANT: Coleman, Timothy

; APPLICANT: Mansfield, Brian

; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, a

; FILE REFERENCE: PF537

; CURRENT APPLICATION NUMBER: US/10/057, 890A

; CURRENT FILING DATE: 2002-01-29

; PRIOR APPLICATION NUMBER: 60/265,782

; PRIOR FILING DATE: 2001-01-31

; PRIOR APPLICATION NUMBER: 60/265,858

; PRIOR FILING DATE: 2001-01-31

; NUMBER OF SEQ ID NOS: 32

; SEQ ID NO 7

; LENGTH: 5

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-057-890A-7

Query Match 100.0%; Score 30; DB 14; Length 5;

Best Local Similarity 100.0%; Pred. No. 9.4e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HQRVH 5

Db 1 HQRVH 5

RESULT 2

US-10-223-765-181

; Sequence 181, Application US/10223765

; Publication No. US20030165997A1

; GENERAL INFORMATION:

; APPLICANT: Kim, Jin-Soo

```

; APPLICANT: Bae, Kwang-Hee
; APPLICANT: Park, Kyung-Soon
; APPLICANT: Kwon, Young Do
; APPLICANT: Ryu, Eun-Hyun
; APPLICANT: Hwang, Moot-Sun
; TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
; FILE REFERENCE: 12279-005001
; CURRENT APPLICATION NUMBER: US/10/223,765
; CURRENT FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: 60/374,355
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/313,402
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 305
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 181
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-765-181

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Query Match      100.0%; Score 30; DB 14; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 HQRVH 5
Db      19 HQRVH 23

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RESULT 3

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US-10-314-669-103
; Sequence 103, Application US/10314669
; Publication No. US2003019472A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo
; APPLICANT: Park, Kyung-Soon
; APPLICANT: Lee, Dong-Ki
; APPLICANT: Seol, Wongi
; APPLICANT: Lee, Horim
; APPLICANT: Lee, Seong-il
; APPLICANT: Yang, Hyo-Young
; APPLICANT: Lee, Yangsoo
; APPLICANT: Jang, Young-Soon
; TITLE OF INVENTION: PHENOTYPIC SCREEN OF CHIMERIC PROTEINS
; FILE REFERENCE: 12279-007001
; CURRENT APPLICATION NUMBER: US/10/314,669
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/338,441
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/376,053
; PRIOR FILING DATE: 2002-04-26
; PRIOR APPLICATION NUMBER: US 60/400,904
; PRIOR FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/401,089
; PRIOR FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 103
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-314-669-103

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```

Query Match      100.0%; Score 30; DB 14; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      1 HQRVH 5
Db      19 HQRVH 23

```

```

RESULT 4
US-10-074-978A-123
; Sequence 123, Application US/10074978A
; Publication No. US20040010119A1
; GENERAL INFORMATION:
; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiahong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Blalock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shinkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A11le
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-269
; CURRENT APPLICATION NUMBER: US/10/074,978A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: 60/268,221
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/335,109
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/312,284
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: 60/268,496
; PRIOR FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: 60/276,703
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/330,293
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/322,127
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/280,899
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 60/310,797
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/268,646
; PRIOR FILING DATE: 2001-02-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-978A-123

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```

Query Match      100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 HORVH 5
Db 19 HORVH 23

RESULT 5

US-10-074-978A-124
; Sequence 124, Application US/10074978A
; Publication No. US20040010119A1

; GENERAL INFORMATION:

; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiahong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Blalock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shinkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1lle
; APPLICANT: Sheno, Suresh
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Feyman, John
; APPLICANT: Smithson, Glennda

; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

; FILE REFERENCE: 21402-269

; CURRENT APPLICATION NUMBER: US/10/074,978A

; CURRENT FILING DATE: 2003-01-07
; PRIOR FILING DATE: 2001-02-12
; PRIOR FILING DATE: 2001-02-12
; PRIOR FILING DATE: 2001-10-31
; PRIOR FILING DATE: 2001-10-31
; PRIOR FILING DATE: 2001-08-14
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; PRIOR FILING DATE: 2001-04-02
; PRIOR FILING DATE: 2001-04-02
; PRIOR FILING DATE: 2001-10-18
; PRIOR FILING DATE: 2001-10-18
; PRIOR FILING DATE: 2001-11-21
; PRIOR FILING DATE: 2001-02-14
; PRIOR FILING DATE: 2001-02-14

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 547

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 124

; LENGTH: 23

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-074-978A-124

Query Match 100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
Db 19 HORVH 23

RESULT 6

US-10-074-978A-125
; Sequence 125, Application US/10074978A
; Publication No. US20040010119A1

; GENERAL INFORMATION:

; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiahong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Blalock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shinkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1lle
; APPLICANT: Sheno, Suresh
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Feyman, John
; APPLICANT: Smithson, Glennda

; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

; FILE REFERENCE: 21402-269

; CURRENT APPLICATION NUMBER: US/10/074,978A

; CURRENT FILING DATE: 2003-01-07

; PRIOR APPLICATION NUMBER: 60/268,221

; PRIOR FILING DATE: 2001-02-12

; PRIOR APPLICATION NUMBER: 60/335,109

; PRIOR FILING DATE: 2001-10-31

; PRIOR APPLICATION NUMBER: 60/312,284

; PRIOR FILING DATE: 2001-08-14

; PRIOR APPLICATION NUMBER: 60/268,496

; PRIOR FILING DATE: 2001-02-13

; PRIOR APPLICATION NUMBER: 60/276,703

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/330,293

; PRIOR FILING DATE: 2001-10-18

; PRIOR APPLICATION NUMBER: 60/322,127

; PRIOR FILING DATE: 2001-11-21

; PRIOR APPLICATION NUMBER: 60/280,899

; PRIOR FILING DATE: 2001-04-02

; PRIOR APPLICATION NUMBER: 60/310,797

; PRIOR FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: 60/268,646

; PRIOR FILING DATE: 2001-02-14

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-978A-125

Query Match 100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HQRVH 5
Db 19 HQRVH 23

RESULT 7

US-10-074-978A-126
; Sequence 126, Application US/10074978A
; Publication No. US20040010119A1
; GENERAL INFORMATION:

; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiaohong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Bialock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1
; APPLICANT: Edinger, Suresh
; APPLICANT: Shenoy, Suresh
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-269
; CURRENT APPLICATION NUMBER: US/10/074,978A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: 60/268,221
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/335,109
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/312,284
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: 60/268,496
; PRIOR FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: 60/276,703
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/330,293
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/322,127
; PRIOR FILING DATE: 2001-11-21

; PRIOR APPLICATION NUMBER: 60/280,899
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 60/310,797
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/268,646
; PRIOR FILING DATE: 2001-02-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 23
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-074-978A-126

Query Match 100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HQRVH 5
Db 19 HQRVH 23

RESULT 8

US-10-074-978A-127
; Sequence 127, Application US/10074978A
; Publication No. US20040010119A1
; GENERAL INFORMATION:

; APPLICANT: Leite, Mario
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Fernandes, Elma
; APPLICANT: Li, Li
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Liu, Xiaohong
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Patturajan, Meera
; APPLICANT: Bialock, Angela
; APPLICANT: Ballinger, Robert
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter S
; APPLICANT: Ellerman, Karen
; APPLICANT: Heyes, Melvin P
; APPLICANT: Herrman, John
; APPLICANT: Pena, Carol E A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Moore, No. US20040010119A1
; APPLICANT: Edinger, Suresh
; APPLICANT: Shenoy, Suresh
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, Dave
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-269
; CURRENT APPLICATION NUMBER: US/10/074,978A
; CURRENT FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: 60/268,221
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/335,109
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/312,284
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: 60/268,496
; PRIOR FILING DATE: 2001-02-13

;; PRIOR APPLICATION NUMBER: 60/276,703
;; PRIOR FILING DATE: 2001-03-16
;; PRIOR APPLICATION NUMBER: 60/330,293
;; PRIOR FILING DATE: 2001-10-18
;; PRIOR APPLICATION NUMBER: 60/322,127
;; PRIOR FILING DATE: 2001-11-21
;; PRIOR APPLICATION NUMBER: 60/280,899
;; PRIOR FILING DATE: 2001-04-02
;; PRIOR APPLICATION NUMBER: 60/310,797
;; PRIOR FILING DATE: 2001-08-08
;; PRIOR APPLICATION NUMBER: 60/268,646
;; PRIOR FILING DATE: 2001-02-14
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 547
;; SOFTWARE: RatentIn Ver. 2.1
;; SEQ ID NO 127
;; LENGTH: 23
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-074-978A-127

Query Match 100.0%; Score 30; DB 15; Length 23;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
Db 19 HORVH 23

RESULT 9
US-09-864-761-43845
; Sequence 43845, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecmica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 09/608,408
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: US 09/774,203
;; PRIOR FILING DATE: 2001-01-29
;; NUMBER OF SEQ ID NOS: 49117
;; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
;; SEQ ID NO 43845
;; LENGTH: 30
;; TYPE: PRT
;; ORGANISM: Homo sapiens
;; FEATURE:
; OTHER INFORMATION: MAP TO AC005324.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.62
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.6
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.84
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.78
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.86
; OTHER INFORMATION: SWISSPROT HIT: O60765, EVALUATE 3.00e-08
; OTHER INFORMATION: EST_HUMAN HIT: BE902618.1, EVALUATE 6.00e-12
US-09-864-761-43845

Query Match 100.0%; Score 30; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
Db 21 HORVH 25

RESULT 10
US-10-029-386-29892
; Sequence 29892, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AECMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29892
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.9
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.97
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.81
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.76
; OTHER INFORMATION: SWISSPROT HIT: Q9N9Y6, EVALUATE 1.00e-26
US-10-029-386-29892

Query Match 100.0%; Score 30; DB 14; Length 51;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HORVH 5
Db 6 HORVH 10

RESULT 11

US-10-029-386-29011
; Sequence 29011, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Shaaron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29011
; LENGTH: 52
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.78
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.54
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.44
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.96
; OTHER INFORMATION: SWISSPROT HIT: Q9UL59, EVALUATE 7.00e-20
US-10-029-386-29011

Query Match 100.0%; Score 30; DB 14; Length 52;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HQRVH 5
Db 17 HQRVH 21

RESULT 12
US-10-029-386-33598
; Sequence 33598, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Shaaron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33598
; LENGTH: 79
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
; OTHER INFORMATION: SWISSPROT HIT: Q61116, EVALUATE 1.00e-41
US-10-029-386-33598

Query Match 100.0%; Score 30; DB 14; Length 79;
Best Local Similarity 100.0%; Pred. No. 90;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HQRVH 5
Db 56 HQRVH 60

RESULT 13
US-09-764-864-1488
; Sequence 1488, Application US/09764864
; Patent No. US20020132753A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT23
; CURRENT APPLICATION NUMBER: US/09/764,864
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1792
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1488
; LENGTH: 88
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-864-1488

Query Match 100.0%; Score 30; DB 9; Length 88;
Best Local Similarity 100.0%; Pred. No. 99;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HQRVH 5
Db 54 HQRVH 58

RESULT 14
US-09-833-245-304
; Sequence 304, Application US/09833245
; Publication No. US20040010134A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF546PCT
; CURRENT APPLICATION NUMBER: US/09/833,245
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/229,358
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/256,931
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/199,384
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 2267
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 304
; LENGTH: 93
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (5)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-833-245-304

Query Match 100.0%; Score 30; DB 11; Length 93;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HQRVH 5
Db 56 HQRVH 60

RESULT 15
US-10-144-156-2
; Sequence 2, Application US/10144156
; Publication No. US20030166197A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, Joseph R.
; APPLICANT: Nehrung, Ramlah
; APPLICANT: McGrath, Robert B.

; TITLE OF INVENTION: ETHYLENE INSENSITIVE PLANTS
; FILE REFERENCE: SALKINS.040A
; CURRENT APPLICATION NUMBER: US/10/144,156
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 93
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: ZN FING
; LOCATION: (1)...(93)
US-10-144-156-2

Query Match 100.0%; Score 30; DB 14; Length 93;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HQRVH 5
| | | | |
Db 23 HQRVH 27

Search completed: March 19, 2004, 00:55:12
Job time : 4.39506 secs

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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 4.75309 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-8
Perfect score: 40
Sequence: 1 TGEKPKYK 7

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1045404 seqs, 257433775 residues
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database : Published Applications AA.*
- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
 - 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
 - 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
 - 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
 - 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
 - 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
 - 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
 - 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
 - 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
 - 10: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
 - 11: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
 - 12: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
 - 13: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
 - 14: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
 - 15: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
 - 16: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
 - 17: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*
 - 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	40	100.0	7	14	US-10-057-890A-8
2	40	100.0	34	9	US-09-785-632A-25
3	40	100.0	46	14	US-10-029-386-29751
4	40	100.0	47	14	US-10-029-386-30721
5	40	100.0	48	14	US-10-029-386-29643
6	40	100.0	48	14	US-10-029-386-29844
7	40	100.0	51	14	US-10-029-386-29892
8	40	100.0	52	14	US-10-029-386-29011
9	40	100.0	53	14	US-10-029-386-28629
10	40	100.0	71	14	US-10-029-386-28469
11	40	100.0	73	9	US-09-867-550-2018
12	40	100.0	79	14	US-10-029-386-28542
13	40	100.0	79	14	US-10-029-386-33598
14	40	100.0	84	10	US-09-911-261A-30
15	40	100.0	84	14	US-10-057-408-30

16	40	100.0	90	14	US-10-209-194-10
17	40	100.0	90	14	US-10-147-286-5
18	40	100.0	90	14	US-10-303-686A-5
19	40	100.0	90	15	US-10-395-816A-5
20	40	100.0	96	14	US-10-029-386-32050
21	40	100.0	98	14	US-10-113-424-10
22	40	100.0	99	10	US-09-911-261A-5
23	40	100.0	99	10	US-09-911-261A-6
24	40	100.0	99	10	US-09-911-261A-7
25	40	100.0	99	10	US-09-911-261A-8
26	40	100.0	99	10	US-09-911-261A-9
27	40	100.0	99	10	US-09-911-261A-10
28	40	100.0	99	14	US-10-057-408-5
29	40	100.0	99	14	US-10-057-408-6
30	40	100.0	99	14	US-10-057-408-7
31	40	100.0	99	14	US-10-057-408-8
32	40	100.0	99	14	US-10-057-408-9
33	40	100.0	99	14	US-10-057-408-10
34	40	100.0	99	14	US-10-029-386-30335
35	40	100.0	100	9	US-09-989-789-15
36	40	100.0	100	10	US-09-846-033B-223
37	40	100.0	100	10	US-09-990-186-15
38	40	100.0	100	10	US-09-989-994-15
39	40	100.0	100	14	US-10-006-069A-223
40	40	100.0	104	9	US-09-764-864-1324
41	40	100.0	104	9	US-09-764-864-1382
42	40	100.0	104	15	US-10-074-024-352
43	40	100.0	109	11	US-09-864-408A-5572
44	40	100.0	111	9	US-09-764-864-1502
45	40	100.0	111	10	US-09-764-891-4219

ALIGNMENTS

RESULT 1
US-10-057-890A-8
; Sequence 8, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION: Timothy
; APPLICANT: Coleman, Timothy
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR FILING DATE: 2001-01-31
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 8
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-8

Query Match 100.0%; Score 40; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGEKPKYK 7
Db 1 TGEKPKYK 7
RESULT 2
US-09-785-632A-25
; Sequence 25, Application US/09785632A
; Patent No. US20020061512A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo

```

; APPLICANT: Kwon, Young Do
; APPLICANT: Kim, Hyun-Won
; APPLICANT: Ryu, Eun-Hyun
; APPLICANT: Hwang, Moon-Sun
; TITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
; TITLE OF INVENTION: IDENTIFYING SAME
; FILE REFERENCE: 12279-002001
; CURRENT APPLICATION NUMBER: US/09/785,632A
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-785-632A-25

Query Match      100.0%; Score 40; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 1 TGEKPYK 7

RESULT 3
US-10-029-386-29751
; Sequence 29751, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29751
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
; OTHER INFORMATION: SWISSPROT HIT: P51522, EVALUE 6.00e-19
; US-10-029-386-29751

Query Match      100.0%; Score 40; DB 14; Length 46;
Best Local Similarity 100.0%; Pred. No. 0.95;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 6 TGEKPYK 12

RESULT 4
US-10-029-386-30721
; Sequence 30721, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29751
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR18.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
; OTHER INFORMATION: SWISSPROT HIT: Q14586, EVALUE 1.00e-19
; US-10-029-386-29643

Query Match      100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 6 TGEKPYK 12

RESULT 5
US-10-029-386-29643
; Sequence 29643, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29643
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR18.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
; OTHER INFORMATION: SWISSPROT HIT: Q14586, EVALUE 1.00e-19
; US-10-029-386-29643

Query Match      100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 6 TGEKPYK 12

RESULT 6
US-10-029-386-29844
; Sequence 29844, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 30721
; LENGTH: 47
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.1
; OTHER INFORMATION: SWISSPROT HIT: Q03923, EVALUE 3.00e-24
; US-10-029-386-30721

Query Match      100.0%; Score 40; DB 14; Length 47;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 4 TGEKPYK 10
```

```

; APPLICANT: Kwon, Young Do
; APPLICANT: Kim, Hyun-Won
; APPLICANT: Ryu, Eun-Hyun
; APPLICANT: Hwang, Moon-Sun
; TITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
; TITLE OF INVENTION: IDENTIFYING SAME
; FILE REFERENCE: 12279-002001
; CURRENT APPLICATION NUMBER: US/09/785,632A
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-785-632A-25

Query Match      100.0%; Score 40; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 1 TGEKPYK 7

RESULT 3
US-10-029-386-29751
; Sequence 29751, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29751
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
; OTHER INFORMATION: SWISSPROT HIT: P51522, EVALUE 6.00e-19
; US-10-029-386-29751

Query Match      100.0%; Score 40; DB 14; Length 46;
Best Local Similarity 100.0%; Pred. No. 0.95;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 6 TGEKPYK 12

RESULT 4
US-10-029-386-30721
; Sequence 30721, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29751
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR18.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
; OTHER INFORMATION: SWISSPROT HIT: Q14586, EVALUE 1.00e-19
; US-10-029-386-29643

Query Match      100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 6 TGEKPYK 12

RESULT 5
US-10-029-386-29643
; Sequence 29643, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29643
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR18.1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
; OTHER INFORMATION: SWISSPROT HIT: Q14586, EVALUE 1.00e-19
; US-10-029-386-29643

Query Match      100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 6 TGEKPYK 12

RESULT 6
US-10-029-386-29844
; Sequence 29844, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 30721
; LENGTH: 47
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.1
; OTHER INFORMATION: SWISSPROT HIT: Q03923, EVALUE 3.00e-24
; US-10-029-386-30721

Query Match      100.0%; Score 40; DB 14; Length 47;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
   |||||
Db 4 TGEKPYK 10
```

```

; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOmica-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29844
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.49
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.56
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.46
; OTHER INFORMATION: SWISSPROT HIT: Q14584, EVALUE 1.00e-22
; US-10-029-386-29844

```

```

Query Match      100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1 TGEKPYK 7
    |||||
DB 6 TGEKPYK 12

```

```

RESULT 7
US-10-029-386-29892
; Sequence 29892, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David K.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOmica-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29892
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.9
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.97
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.81
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.76
; OTHER INFORMATION: SWISSPROT HIT: Q9NYT6, EVALUE 1.00e-26
; US-10-029-386-29892

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```

Query Match      100.0%; Score 40; DB 14; Length 51;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 TGEKPYK 7
    |||||
DB 11 TGEKPYK 17

```

```

RESULT 8
US-10-029-386-29011
; Sequence 29011, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOmica-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29011
; LENGTH: 52
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.78
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.54
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.44
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.96
; OTHER INFORMATION: SWISSPROT HIT: Q9UL59, EVALUE 7.00e-20
; US-10-029-386-29011

```

```

Query Match      100.0%; Score 40; DB 14; Length 52;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1 TGEKPYK 7
    |||||
DB 22 TGEKPYK 28

```

```

RESULT 9
US-10-029-386-28629
; Sequence 28629, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR G
; FILE REFERENCE: AEOmica-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 28629
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.4
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.99
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.8
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.7
; OTHER INFORMATION: SWISSPROT HIT: P17024, EVALUE 6.00e-22
; US-10-029-386-28629

```

```

Query Match      100.0%; Score 40; DB 14; Length 53;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 TGEKPYK 7
    |||||
DB 9 TGEKPYK 15

```

RESULT 10
 US-10-029-386-28469
 ; Sequence 28469, Application US/10029386
 ; Publication No. US20030194704A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Hanzel, David K.
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: AEMICA-X-2
 ; CURRENT APPLICATION NUMBER: US/10/029,386
 ; CURRENT FILING DATE: 2001-12-20
 ; NUMBER OF SEQ ID NOS: 34288
 ; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 28469
 ; LENGTH: 71
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO CHR6.1
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
 ; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.7
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.6
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.1
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.1
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.5
 ; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.5
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.9
 ; OTHER INFORMATION: SWISSPROT HIT: Q15776, EVALUATE 2.00e-40
 US-10-029-386-28469

Query Match 100.0%; Score 40; DB 14; Length 71;
 Best Local Similarity 100.0%; Pred. No. 1.5;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
 |||||
 Db 33 TGEKPYK 39

RESULT 11
 US-09-867-550-2018
 ; Sequence 2018, Application US/09867550
 ; Patent No. US20020082206A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Leach, Martin D.
 ; APPLICANT: Mehraban, Fuad,
 ; APPLICANT: Conley, Pamela
 ; APPLICANT: Law, Debbie
 ; APPLICANT: Topper, James
 ; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
 ; FILE REFERENCE: 21402-013 (Cura-313)
 ; CURRENT APPLICATION NUMBER: US/09/867,550
 ; CURRENT FILING DATE: 2001-09-20
 ; PRIOR APPLICATION NUMBER: USSN 60/208,427
 ; PRIOR FILING DATE: 2000-05-30
 ; NUMBER OF SEQ ID NOS: 2125
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2018
 ; LENGTH: 73
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-867-550-2018

Query Match 100.0%; Score 40; DB 9; Length 73;
 Best Local Similarity 100.0%; Pred. No. 1.5;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
 |||||
 Db 17 TGEKPYK 23

RESULT 12
 US-10-029-386-28542
 ; Sequence 28542, Application US/10029386
 ; Publication No. US20030194704A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Hanzel, David K.
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: AEMICA-X-2
 ; CURRENT APPLICATION NUMBER: US/10/029,386
 ; CURRENT FILING DATE: 2001-12-20
 ; NUMBER OF SEQ ID NOS: 34288
 ; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 28542
 ; LENGTH: 79
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO CHR19.1
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.3
 ; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.79
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.6
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
 ; OTHER INFORMATION: SWISSPROT HIT: Q9Y2Q1, EVALUATE 4.00e-38
 US-10-029-386-28542

Query Match 100.0%; Score 40; DB 14; Length 79;
 Best Local Similarity 100.0%; Pred. No. 1.6;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
 |||||
 Db 7 TGEKPYK 13

RESULT 13
 US-10-029-386-33598
 ; Sequence 33598, Application US/10029386
 ; Publication No. US20030194704A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Hanzel, David K.
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: AEMICA-X-2
 ; CURRENT APPLICATION NUMBER: US/10/029,386
 ; CURRENT FILING DATE: 2001-12-20
 ; NUMBER OF SEQ ID NOS: 34288
 ; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 33598
 ; LENGTH: 79
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO CHR1.1
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.8
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
 ; OTHER INFORMATION: SWISSPROT HIT: Q61116, EVALUATE 1.00e-41
 US-10-029-386-33598

Query Match 100.0%; Score 40; DB 14; Length 79;
 Best Local Similarity 100.0%; Pred. No. 1.6;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7

Fri Mar 19 15:33:10 2004

Search completed: March 18, 2004, 00:55:12
Job time : 4.75309 secs

Db 5 TGEKPYK 11

RESULT 14
US-09-911-261A-30
; Sequence 30, Application US/09911261A
; Publication No. US20030134350A1
; GENERAL INFORMATION:
; APPLICANT: Sera, Takashi
; TITLE OF INVENTION: Zinc Finger Domain Recognition Code and Uses Thereof
; FILE REFERENCE: 109845.135
; CURRENT APPLICATION NUMBER: US/09/911,261A
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 60/220,060
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 84
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Zinc finger protein
; NAME/KEY: VARIANT
; LOCATION: (15)..(15)
; OTHER INFORMATION: Amino acid 15 is "Xaa" wherein "Xaa" = is any amino acid.
US-09-911-261A-30

Query Match 100.0%; Score 40; DB 10; Length 84;
Best Local Similarity 100.0%; Pred. No. 1.7; 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
Db 25 TGEKPYK 31

RESULT 15
US-10-057-408-30
; Sequence 30, Application US/10057408
; Publication No. US20030082561A1
; GENERAL INFORMATION:
; APPLICANT: Sera, Takashi
; TITLE OF INVENTION: Zinc Finger Domain Recognition Code and Uses Thereof
; FILE REFERENCE: 109845.135
; CURRENT APPLICATION NUMBER: US/10/057,408
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: US 60/220,060
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 84
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Zinc finger protein
; NAME/KEY: VARIANT
; LOCATION: (15)..(15)
; OTHER INFORMATION: Amino acid 15 is "Xaa" wherein "Xaa" = is any amino acid.
US-10-057-408-30

Query Match 100.0%; Score 40; DB 14; Length 84;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
Db 25 TGEKPYK 31

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 4.75309 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-8
Perfect score: 40
Sequence: 1 TGEKPYK 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubaa/PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubaa/US09_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	40	100.0	7	14	US-10-057-890A-8
2	40	100.0	34	9	US-09-785-632A-25
3	40	100.0	46	14	US-10-029-386-29751
4	40	100.0	47	14	US-10-029-386-30721
5	40	100.0	48	14	US-10-029-386-29643
6	40	100.0	48	14	US-10-029-386-29844
7	40	100.0	51	14	US-10-029-386-29892
8	40	100.0	52	14	US-10-029-386-29011
9	40	100.0	53	14	US-10-029-386-28629
10	40	100.0	71	14	US-10-029-386-28469
11	40	100.0	73	9	US-09-867-550-2018
12	40	100.0	79	14	US-10-029-386-28342
13	40	100.0	79	14	US-10-029-386-33598
14	40	100.0	84	10	US-09-911-261A-30
15	40	100.0	84	14	US-10-057-408-30

16	40	100.0	90	14	US-10-209-194-10
17	40	100.0	90	14	US-10-147-286-5
18	40	100.0	90	14	US-10-303-686A-5
19	40	100.0	90	15	US-10-395-816A-5
20	40	100.0	96	14	US-10-029-386-32050
21	40	100.0	98	14	US-10-113-424-10
22	40	100.0	99	10	US-09-911-261A-5
23	40	100.0	99	10	US-09-911-261A-6
24	40	100.0	99	10	US-09-911-261A-7
25	40	100.0	99	10	US-09-911-261A-8
26	40	100.0	99	10	US-09-911-261A-9
27	40	100.0	99	10	US-09-911-261A-10
28	40	100.0	99	14	US-10-057-408-5
29	40	100.0	99	14	US-10-057-408-6
30	40	100.0	99	14	US-10-057-408-7
31	40	100.0	99	14	US-10-057-408-8
32	40	100.0	99	14	US-10-057-408-9
33	40	100.0	99	14	US-10-057-408-10
34	40	100.0	99	14	US-10-029-386-30335
35	40	100.0	100	9	US-09-989-789-15
36	40	100.0	100	10	US-09-846-0338-223
37	40	100.0	100	10	US-09-989-186-15
38	40	100.0	100	10	US-09-989-994-15
39	40	100.0	100	14	US-10-006-069A-223
40	40	100.0	104	9	US-09-764-864-1324
41	40	100.0	104	9	US-09-764-864-1382
42	40	100.0	104	15	US-10-074-024-352
43	40	100.0	109	11	US-09-864-408A-5572
44	40	100.0	111	9	US-09-764-864-1502
45	40	100.0	111	10	US-09-764-891-4219

ALIGNMENTS

RESULT 1

US-10-057-890A-8
; Sequence 8, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION: Timothy
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same,
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-23
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 8
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-8

Query Match 100.0%; Score 40; DB 14; Length 7;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0;

QY 1 TGEKPYK 7

Db 1 TGEKPYK 7

RESULT 2

US-09-785-632A-25
; Sequence 25, Application US/09785632A
; Patent No. US20020061512A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo

APPLICANT: Kwon, Young Do
APPLICANT: Kim, Hyun-Won
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Sun
TITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
TITLE OF INVENTION: IDENTIFYING SAME
FILE REFERENCE: 12279-002001
CURRENT APPLICATION NUMBER: US/09/785,632A
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 166
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 34
TYPE: PRT
ORGANISM: Homo sapiens
US-09-785-632A-25

Query Match 100.0%; Score 40; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 0.7; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 1 TGEKPYK 7

RESULT 3
US-10-029-386-29751
Sequence 29751, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 29751
LENGTH: 46
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO CHR19.1
OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.00e-19
US-10-029-386-29751

Query Match 100.0%; Score 40; DB 14; Length 46;
Best Local Similarity 100.0%; Pred. No. 0.95; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 6 TGEKPYK 12

RESULT 4
US-10-029-386-30721
Sequence 30721, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 30721
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO CHR19.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.1
OTHER INFORMATION: SWISSPROT HIT: Q03923, EVALUE 3.00e-24
US-10-029-386-30721

Query Match 100.0%; Score 40; DB 14; Length 47;
Best Local Similarity 100.0%; Pred. No. 0.97; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 4 TGEKPYK 10

RESULT 5
US-10-029-386-29643
Sequence 29643, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 29643
LENGTH: 48
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO CHR19.1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.75
OTHER INFORMATION: SWISSPROT HIT: Q14586, EVALUE 1.00e-19
US-10-029-386-29643

Query Match 100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 6 TGEKPYK 12

RESULT 6
US-10-029-386-29844
Sequence 29844, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.

```
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29844
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.49
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.56
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.46
; OTHER INFORMATION: SWISSPROT HIT: Q14584, EVALUE 1.00e-22
US-10-029-386-29844
```

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Query Match 100.0%; Score 40; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.99;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 1 TGEKPYK 7
Db 6 TGEKPYK 12
```

```
RESULT 7
US-10-029-386-29892
; Sequence 29892, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29892
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.9
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.97
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.81
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.76
; OTHER INFORMATION: SWISSPROT HIT: Q9NVT6, EVALUE 1.00e-26
US-10-029-386-29892
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Query Match 100.0%; Score 40; DB 14; Length 51;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TGEKPYK 7
Db 11 TGEKPYK 17
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RESULT 8
US-10-029-386-29011
; Sequence 29011, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
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; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 29011
; LENGTH: 52
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.78
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.54
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.44
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.96
; OTHER INFORMATION: SWISSPROT HIT: Q9UL59, EVALUE 7.00e-20
US-10-029-386-29011
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Query Match 100.0%; Score 40; DB 14; Length 52;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 1 TGEKPYK 7
Db 22 TGEKPYK 28
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```
RESULT 9
US-10-029-386-28629
; Sequence 28629, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 28629
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.4
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.7
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.99
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.8
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.7
; OTHER INFORMATION: SWISSPROT HIT: P17024, EVALUE 6.00e-22
US-10-029-386-28629
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```
Query Match 100.0%; Score 40; DB 14; Length 53;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TGEKPYK 7
Db 9 TGEKPYK 15
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RESULT 10
US-10-029-386-28469
; Sequence 28469, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 28469
; LENGTH: 71
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR6.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.6
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.5
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.5
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.9
; OTHER INFORMATION: SWISSPROT HIT: Q15776, EVALUATE 2.00e-40
US-10-029-386-28469

Query Match 100.0%; Score 40; DB 14; Length 71;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 33 TGEKPYK 39

RESULT 11
US-09-867-550-2018
; Sequence 2018, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2018
; LENGTH: 73
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-867-550-2018

Query Match 100.0%; Score 40; DB 9; Length 73;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 17 TGEKPYK 23

RESULT 12
US-10-029-386-28542
; Sequence 28542, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 28542
; LENGTH: 79
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR19.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.3
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.79
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.6
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
; OTHER INFORMATION: SWISSPROT HIT: Q9Y2Q1, EVALUATE 4.00e-38
US-10-029-386-28542

Query Match 100.0%; Score 40; DB 14; Length 79;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7
Db 7 TGEKPYK 13

RESULT 13
US-10-029-386-33598
; Sequence 33598, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33598
; LENGTH: 79
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
; OTHER INFORMATION: SWISSPROT HIT: Q61116, EVALUATE 1.00e-41
US-10-029-386-33598

Query Match 100.0%; Score 40; DB 14; Length 79;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGEKPYK 7

Search completed: March 18, 2004, 00:55:12
Job time : 4.75309 secs

Db 5 TGEKPYK 11
|||||

RESULT 14
US-09-911-261A-30
; Sequence 30, Application US/09911261A
; Publication No. US20030134350A1
; GENERAL INFORMATION:
; APPLICANT: Sera, Takashi
; TITLE OF INVENTION: Zinc Finger Domain Recognition Code and Uses Thereof
; FILE REFERENCE: 109845.135
; CURRENT APPLICATION NUMBER: US/09/911.261A
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 60/220,060
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 84
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Zinc finger protein
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (15)..(15)
; OTHER INFORMATION: Amino acid 15 is "Xaa" wherein "Xaa" = is any amino acid.
US-09-911-261A-30

Query Match 100.0%; Score 40; DB 10; Length 84;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
|||||
Db 25 TGEKPYK 31

RESULT 15
US-10-057-408-30
; Sequence 30, Application US/10057408
; Publication No. US20030082561A1
; GENERAL INFORMATION:
; APPLICANT: Sera, Takashi
; TITLE OF INVENTION: Zinc Finger Domain Recognition Code and Uses Thereof
; FILE REFERENCE: 109845.135
; CURRENT APPLICATION NUMBER: US/10/057,408
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: US 60/220,060
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 84
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Zinc finger protein
; NAME/KEY: VARIANT
; LOCATION: (15)..(15)
; OTHER INFORMATION: Amino acid 15 is "Xaa" wherein "Xaa" = is any amino acid.
US-10-057-408-30

Query Match 100.0%; Score 40; DB 14; Length 84;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGEKPYK 7
|||||
Db 25 TGEKPYK 31

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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 93.7037 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-10
Perfect score: 797
Sequence: 1 MDYQSSPIYDINYYTSEPC.....GLNCCSSNRLDGHQVHAA 138

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	DB ID	Description
1	797	100.0	138	14	US-10-057-890A-10
2	797	100.0	157	14	US-10-057-890A-31
3	379	47.6	352	9	US-09-725-285-2
4	379	47.6	352	9	US-09-759-841-2
5	379	47.6	352	9	US-09-779-879A-22
6	379	47.6	352	9	US-09-779-880A-22
7	379	47.6	352	9	US-09-813-653-15
8	379	47.6	352	9	US-09-813-653-17
9	379	47.6	352	9	US-09-796-202-1
10	379	47.6	352	9	US-09-195-662A-2
11	379	47.6	352	9	US-09-339-312A-2
12	379	47.6	352	9	US-09-938-719-5
13	379	47.6	352	9	US-09-939-226-5
14	379	47.6	352	9	US-09-938-703-5
15	379	47.6	352	9	US-09-502-783A-2

16	379	47.6	352	10	US-09-734-221A-14
17	379	47.6	352	11	US-09-826-509-477
18	379	47.6	352	13	US-10-106-623-2
19	379	47.6	352	14	US-10-232-686-2
20	379	47.6	352	14	US-10-086-814-1
21	379	47.6	352	14	US-10-067-800-22
22	379	47.6	352	14	US-10-290-058A-6
23	379	47.6	352	14	US-10-225-567A-352
24	379	47.6	352	14	US-10-323-314-1
25	379	47.6	352	14	US-10-072-301-1
26	379	47.6	352	14	US-10-071-866-1
27	379	47.6	352	14	US-10-135-839-22
28	379	47.6	352	14	US-10-239-423-67
29	379	47.6	352	14	US-10-439-845-4
30	379	47.6	352	15	US-10-360-828-1
31	374	46.9	352	14	US-10-164-649-52
32	374	46.9	352	14	US-10-439-845-2
33	373	46.8	352	9	US-09-779-879A-2
34	373	46.8	352	9	US-09-779-880A-2
35	373	46.8	352	14	US-10-067-800-2
36	373	46.8	352	14	US-10-135-839-2
37	363	45.5	352	13	US-10-106-623-20
38	258	32.4	184	9	US-09-938-719-4
39	258	32.4	184	9	US-09-939-226-4
40	258	32.4	184	9	US-09-938-703-4
41	258	32.4	215	9	US-09-938-719-6
42	258	32.4	215	9	US-09-939-226-6
43	258	32.4	215	9	US-09-938-703-6
44	183.5	23.0	332	14	US-10-095-876A-2
45	182	22.8	32	14	US-10-057-890A-13

ALIGNMENTS

RESULT 1
US-10-057-890A-10
; Sequence 10, Application US/10057890A
; Publication No. US20030044901A1

; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-057-890A-10

Query Match 100.0%; Score 797; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 3.9e-71;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MDYQSSPIYDINYYTSEPCQKINVKQIAAYKCGLCAAQMDFGNTWCQHQHVHGHHS	60
Db	1	MDYQSSPIYDINYYTSEPCQKINVKQIAAYKCGLCAAQMDFGNTWCQHQHVHGHHS	60
QY	61	YKGLCTRSQKEGLHYTCSSHFPYQYQWKNFQTLKHQHVHGGGYSKCGLCQEFFGL	120
Db	61	YKGLCTRSQKEGLHYTCSSHFPYQYQWKNFQTLKHQHVHGGGYSKCGLCQEFFGL	120
QY	121	NNCSSNRLDGHQVHAA	138
Db	121	NNCSSNRLDGHQVHAA	138

RESULT 2
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-31

Query Match 100.0%; Score 797; DB 14; Length 157;
Best Local Similarity 100.0%; Pred. No. 4.5e-71;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAA-----
DB 20 MDYQVSSPIYDINTYTSEPCQKINVKQIAA-----
QY 61 YKGLCTRQKSGEGLHYTCSSHFFYSQYQWKNFQTLKHQVHGGGYSYKGLCQBFGL 120
DB 80 YKGLCTRQKSGEGLHYTCSSHFFYSQYQWKNFQTLKHQVHGGGYSYKGLCQBFGL 139
QY 121 NNCSSNRLDGHQVHAA 138
DB 140 NNCSSNRLDGHQVHAA 157

RESULT 3
US-09-725-285-2
; Sequence 2, Application US/09725285
; Patent No. US20010000241A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGNR10
; FILE REFERENCE: 1488.1150003
; CURRENT APPLICATION NUMBER: US/09/725,285
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/339,912
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence: Genomic
; FEATURE:
; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-725-285-2

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAA----- 30
DB 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAA----- 60
QY 31 -----YKGLC----- 64
DB 61 LKSMTDIYLLNLALISDLFFLLITVPFWAHYAAQWDFGNTWC--QLLTGLYFIFGFSGIF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTIDRYLAVHVAFAKARTVTGVTVTWVAVFASLPGLIIFTRSQKEGLHYTC 178
QY 79 SSHFPYSQYQWKNFQTLKI-----HORVHGG----- 105
DB 179 SSHFPYSQYQWKNFQTLKIIVILGLVPLVWVICYSGLKTLKCRNEKKRRAVRLIF 238
QY 106 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
DB 239 TIMIVYFLFWAPYINVLNLTQEFFGLNCCSSNRLDQAMQV 281

RESULT 4
US-09-759-841-2
; Sequence 2, Application US/09759841
; Patent No. US20010039026A1
; GENERAL INFORMATION:
; APPLICANT: Rickett, Graham A
; APPLICANT: Dobbs, Susan
; TITLE OF INVENTION: Assay Method
; FILE REFERENCE: PC10348ADME
; CURRENT APPLICATION NUMBER: US/09/759,841
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: GB 0000661.9
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000663.5
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000659.3
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-759-841-2

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAA----- 30
DB 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAA----- 60
QY 31 -----YKGLC----- 64
DB 61 LKSMTDIYLLNLALISDLFFLLITVPFWAHYAAQWDFGNTWC--QLLTGLYFIFGFSGIF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTIDRYLAVHVAFAKARTVTGVTVTWVAVFASLPGLIIFTRSQKEGLHYTC 178
QY 79 SSHFPYSQYQWKNFQTLKI-----HORVHGG----- 105
DB 179 SSHFPYSQYQWKNFQTLKIIVILGLVPLVWVICYSGLKTLKCRNEKKRRAVRLIF 238
QY 106 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
DB 239 TIMIVYFLFWAPYINVLNLTQEFFGLNCCSSNRLDQAMQV 281

RESULT 5

US-09-779-879A-22
 ; Sequence 22, Application US/09779879A
 ; Patent No. US20020048786A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen, Craig A.
 ; APPLICANT: Roschke, Viktor
 ; APPLICANT: Li, Yi
 ; APPLICANT: Ruben, Steven, M.
 ; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGMR10
 ; FILE REFERENCE: 1488.115000A
 ; CURRENT APPLICATION NUMBER: US/09/779, 879A
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,258
 ; PRIOR FILING DATE: 2000-02-09
 ; PRIOR APPLICATION NUMBER: US 60/187,999
 ; PRIOR FILING DATE: 2000-03-09
 ; PRIOR APPLICATION NUMBER: US 60/234,336
 ; PRIOR FILING DATE: 2000-09-22
 ; NUMBER OF SEQ ID NOS: 58
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 22
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-779-879A-22

Query Match 47.6%; Score 379; DB 9; Length 352;
 Best Local Similarity 35.0%; Pred. No. 2.2e-29;
 Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
 QY 1 MDYQSSPIYDINYYTSPCKINVKQIAA----- 30
 DB 1 MDYQSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVFIFGVGNMLVILINCKR 60
 QY 31 -----YKGLC-----AAQWDFGNTMCOHORVGHHSYKCG--- 64
 DB 61 LKSMTDIYLLNLALISDLFLLTVFPFNAHAAQWDFGNTM--QLLTGLYFIFGSGIFF 118
 QY 65 -----LCTRSQKGLHYTC 78
 DB 119 IILLTDRLAVHVAFAKARTVTFGWTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
 QY 79 SSHFPYQYQFKNFOTLKI-----HORVGG----- 105
 DB 179 SSHFPYQYQFKNFOTLKIIVILGLVPLVMVICYSGILKTLRCKNEKGRRAVLIF 238
 QY 106 -----GGSYKGLC-----QEFFGLNCSNRLDGHQV 135
 DB 239 TIMIVYFLWAPYINVLNLTFOEFFGLNCSNRLDQMQV 281

RESULT 6

US-09-779-880A-22
 ; Sequence 22, Application US/09779880A
 ; Patent No. US20020061834A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen, Craig A.
 ; APPLICANT: Roschke, Viktor
 ; APPLICANT: Li, Yi
 ; APPLICANT: Ruben, Steven, M.
 ; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGMR10
 ; FILE REFERENCE: 1488.115000C
 ; CURRENT APPLICATION NUMBER: US/09/779, 880A
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,258
 ; PRIOR FILING DATE: 2000-02-09
 ; PRIOR APPLICATION NUMBER: US 60/187,999
 ; PRIOR FILING DATE: 2000-03-09
 ; PRIOR APPLICATION NUMBER: US 60/234,336
 ; PRIOR FILING DATE: 2000-09-22
 ; NUMBER OF SEQ ID NOS: 58
 ; SOFTWARE: Patent in version 3.0

; SEQ ID NO 22
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-779-880A-22
 Query Match 47.6%; Score 379; DB 9; Length 352;
 Best Local Similarity 35.0%; Pred. No. 2.2e-29;
 Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
 QY 1 MDYQSSPIYDINYYTSPCKINVKQIAA----- 30
 DB 1 MDYQSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVFIFGVGNMLVILINCKR 60
 QY 31 -----YKGLC-----AAQWDFGNTMCOHORVGHHSYKCG--- 64
 DB 61 LKSMTDIYLLNLALISDLFLLTVFPFNAHAAQWDFGNTM--QLLTGLYFIFGSGIFF 118
 QY 65 -----LCTRSQKGLHYTC 78
 DB 119 IILLTDRLAVHVAFAKARTVTFGWTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
 QY 79 SSHFPYQYQFKNFOTLKI-----HORVGG----- 105
 DB 179 SSHFPYQYQFKNFOTLKIIVILGLVPLVMVICYSGILKTLRCKNEKGRRAVLIF 238
 QY 106 -----GGSYKGLC-----QEFFGLNCSNRLDGHQV 135
 DB 239 TIMIVYFLWAPYINVLNLTFOEFFGLNCSNRLDQMQV 281

RESULT 7

US-09-813-653-15
 ; Sequence 15, Application US/09813653
 ; Patent No. US20020064770A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Nestor, John
 ; APPLICANT: Wilson, Carol
 ; APPLICANT: See, Raymond
 ; APPLICANT: Tan Hehir, Christina
 ; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
 ; FILE REFERENCE: CNS-005
 ; CURRENT APPLICATION NUMBER: US/09/813,653
 ; CURRENT FILING DATE: 2001-03-20
 ; PRIOR APPLICATION NUMBER: US 60/190,946
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: US 60/190,996
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: US 60/191,299
 ; PRIOR FILING DATE: 2000-03-21
 ; NUMBER OF SEQ ID NOS: 44
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 15
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-813-653-15

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 DB 1 MDYQSSPIYDINYYTSPCKINVKQIAARLLPPLYSLVFIFGVGNMLVILINCKR 60
 QY 31 -----YKGLC-----AAQWDFGNTMCOHORVGHHSYKCG--- 64
 DB 61 LKSMTDIYLLNLALISDLFLLTVFPFNAHAAQWDFGNTM--QLLTGLYFIFGSGIFF 118
 QY 65 -----LCTRSQKGLHYTC 78
 DB 119 IILLTDRLAVHVAFAKARTVTFGWTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178

QY 79 SSHFPYQYQFKNFQTLKI-----HORVHG----- 105
Db 179 SSHFPYQYQFKNFQTLKIIVGLVPLVWVVCYSGILKTLRCNKKRHRAVLIF 238
QY 106-----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
Db 239 TIMIVFLWAPYNIIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 8
US-09-813-653-17
; Sequence 17, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Henir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT APPLICATION NUMBER: US/09/813.653
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-17

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Best Local Similarity 35.0%; Pred. No. 2.2e-29;
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QY 65----- 78
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QY 79 SSHFPYQYQFKNFQTLKI-----HORVHG----- 105
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RESULT 9
US-09-796-202-1
; Sequence 1, Application US/09796202
; Patent No. US20020068813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JFW/SHS
; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28

; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-09-796-202-1
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Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
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QY 31-----YKCGLC-----AAAQDFGNTMCOHQRVHGHHSYKCG--- 64
Db 61 LKSMTDIYLLNLAIISDLFFLLTVFPWHAHAAQWDFGNTMC--QLLTGLYFIFGFSGIFF 118
QY 65----- 78
Db 119 ILLITDRLVAVHAFKARTVTFGVTSVITWVAVFASLPGLIIFTRSQEGLHYTC 178
QY 79 SSHFPYQYQFKNFQTLKI-----HORVHG----- 105
Db 179 SSHFPYQYQFKNFQTLKIIVGLVPLVWVVCYSGILKTLRCNKKRHRAVLIF 238
QY 106-----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
Db 239 TIMIVFLWAPYNIIVLLNTFQEFFGLNCCSSNRLDQAMQV 281
RESULT 10
US-09-195-662A-2
; Sequence 2, Application US/09195662A
; Patent No. US20020076745A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HDGMR10 (CCR5 Receptor)
; FILE REFERENCE: 1488.1150002
; CURRENT APPLICATION NUMBER: US/09/195,662A
; CURRENT FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence: Genomic
; FEATURE:
; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-195-662A-2
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Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
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Db 1 MDYQSSPIYDINYTSEPCQKINVKQIAARLLPPLYSIVFVFGVGNMLVILLINCKR 60
QY 31-----YKCGLC-----AAAQDFGNTMCOHQRVHGHHSYKCG--- 64
Db 61 LKSMTDIYLLNLAIISDLFFLLTVFPWHAHAAQWDFGNTMC--QLLTGLYFIFGFSGIFF 118
QY 65----- 78
Db 119 ILLITDRLVAVHAFKARTVTFGVTSVITWVAVFASLPGLIIFTRSQEGLHYTC 178
QY 79 SSHFPYQYQFKNFQTLKI-----HORVHG----- 105


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Db 179 SSHFPYSQYQFKNFQTLKIVLGLVPLVWVICYSGLKTLRLCRNEKRRHRAVLIF 238
Qy 106 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
Db 239 TIMIVYFLWAPYINVLILNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 11
US-09-339-912A-2
; Sequence 2, Application US/09339912A
; Patent No. US20020099176A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGMR10
; FILE REFERENCE: 1488.1150003
; CURRENT APPLICATION NUMBER: US/09/339,912A
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
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; TYPE: PRT
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; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-339-912A-2

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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Db 1 MDYQSSPIYDINYTSEPCQKINVKQIAARLLPPLYSLVTFVFGVGNMLVILINCKR 60
Qy 31 -----YKGLC-----AAAQWDGNTMCOHQRVHGHHSYKCG---64
Db 61 LKSMTDIYLLNLATISDLFFLLTVPFWAHYAAQWDFGNTWC--QLLTGLYFIGFSGIFF 118
Qy 65 -----LCTRSQKEGLHYTC 78
Db 119 ILLTIDRYLAVHVAFAKARTVFGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
Qy 79 SSHFPYSQYQFKNFQTLK-----HORVHG-----105
Db 179 SSHFPYSQYQFKNFQTLKIVLGLVPLVWVICYSGLKTLRLCRNEKRRHRAVLIF 238
Qy 106 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
Db 239 TIMIVYFLWAPYINVLILNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 12
US-09-938-719-5
; Sequence 5, Application US/09938719
; Patent No. US20020106742A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
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STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: US/09/938,719
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 27-JULY-2000
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-938-719-5

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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Db 1 MDYQSSPIYDINYTSEPCQKINVKQIAARLLPPLYSLVTFVFGVGNMLVILINCKR 60
Qy 31 -----YKGLC-----AAAQWDGNTMCOHQRVHGHHSYKCG---64
Db 61 LKSMTDIYLLNLATISDLFFLLTVPFWAHYAAQWDFGNTWC--QLLTGLYFIGFSGIFF 118
Qy 65 -----LCTRSQKEGLHYTC 78
Db 119 ILLTIDRYLAVHVAFAKARTVFGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
Qy 79 SSHFPYSQYQFKNFQTLK-----HORVHG-----105
Db 179 SSHFPYSQYQFKNFQTLKIVLGLVPLVWVICYSGLKTLRLCRNEKRRHRAVLIF 238
Qy 106 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 135
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RESULT 13
US-09-939-226-5
; Sequence 5, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
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; ZIP: 92660
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,226
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
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Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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DB 61 LKSMTDIYLLNLAISDLFFLLTVFWAHYAAAQWDFGNTM--QLLTGLYTFGPFSGIFF 118
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DB 119 ILLITDRIYLVAVHAFKARTVTVGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
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RESULT 14
US-09-938-703-5
; Sequence 5, Application US/0938703
; Patent No. US20020110870A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
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Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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DB 61 LKSMTDIYLLNLAISDLFFLLTVFWAHYAAAQWDFGNTM--QLLTGLYTFGPFSGIFF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 ILLITDRIYLVAVHAFKARTVTVGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
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DB 239 TIMIVYFLFWAPYINVLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 15
US-09-502-783A-2
; Sequence 2, Application US/09502783A
; Patent No. US20020132269A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CCR)
; TITLE OF INVENTION: HDGNR10
; FILE REFERENCE: 1488.1150006
; CURRENT APPLICATION NUMBER: US/09/502,783A
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-502-783A-2

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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Job time : 94.7037 secs

GenCore version 5.1.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 93.7037 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-10

Perfect score: 797

Sequence: 1 MDQVSSPIYNTSEPC.....GINNCSSNRLDGHQRVHAA 138

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Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	797	100.0	157	14	US-10-057-890A-31
3	379	47.6	352	9	US-09-725-285-2
4	379	47.6	352	9	US-09-759-841-2
5	379	47.6	352	9	US-09-779-879A-22
6	379	47.6	352	9	US-09-779-880A-22
7	379	47.6	352	9	US-09-813-653-15
8	379	47.6	352	9	US-09-813-653-17
9	379	47.6	352	9	US-09-796-202-1
10	379	47.6	352	9	US-09-195-662A-2
11	379	47.6	352	9	US-09-339-912A-2
12	379	47.6	352	9	US-09-938-719-5
13	379	47.6	352	9	US-09-938-226-5
14	379	47.6	352	9	US-09-938-703-5
15	379	47.6	352	9	US-09-502-783A-2

16	379	47.6	352	10	US-09-734-221A-14	Sequence 14, Appl
17	379	47.6	352	11	US-09-826-509-477	Sequence 477, App
18	379	47.6	352	13	US-10-106-623-2	Sequence 2, Appl
19	379	47.6	352	14	US-10-232-686-2	Sequence 2, Appl
20	379	47.6	352	14	US-10-086-814-1	Sequence 1, Appl
21	379	47.6	352	14	US-10-067-800-22	Sequence 22, Appl
22	379	47.6	352	14	US-10-290-058A-6	Sequence 6, Appl
23	379	47.6	352	14	US-10-225-567A-352	Sequence 352, App
24	379	47.6	352	14	US-10-323-314-1	Sequence 1, Appl
25	379	47.6	352	14	US-10-072-301-1	Sequence 1, Appl
26	379	47.6	352	14	US-10-071-866-1	Sequence 1, Appl
27	379	47.6	352	14	US-10-135-839-22	Sequence 22, Appl
28	379	47.6	352	14	US-10-239-423-67	Sequence 67, Appl
29	379	47.6	352	14	US-10-439-845-4	Sequence 4, Appl
30	379	47.6	352	15	US-10-360-828-1	Sequence 1, Appl
31	374	46.9	352	14	US-10-164-649-52	Sequence 52, Appl
32	374	46.9	352	14	US-10-439-845-2	Sequence 2, Appl
33	373	46.8	352	9	US-09-779-879A-2	Sequence 2, Appl
34	373	46.8	352	9	US-09-779-880A-2	Sequence 2, Appl
35	373	46.8	352	14	US-10-067-800-2	Sequence 2, Appl
36	373	46.8	352	14	US-10-135-839-2	Sequence 2, Appl
37	363	45.5	352	13	US-10-106-623-20	Sequence 4, Appl
38	258	32.4	184	9	US-09-938-719-4	Sequence 4, Appl
39	258	32.4	184	9	US-09-939-226-4	Sequence 4, Appl
40	258	32.4	184	9	US-09-938-703-4	Sequence 6, Appl
41	258	32.4	215	9	US-09-938-719-6	Sequence 6, Appl
42	258	32.4	215	9	US-09-939-226-6	Sequence 6, Appl
43	258	32.4	215	9	US-09-938-703-6	Sequence 6, Appl
44	183.5	23.0	332	14	US-10-095-876A-2	Sequence 2, Appl
45	182	22.8	32	14	US-10-057-890A-13	Sequence 13, Appl

ALIGNMENTS

RESULT 1

US-10-057-890A-10
; Sequence 10, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION: Timothy
; APPLICANT: Coleman, Timothy
; MANFIELD, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, a
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PFS37
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-10

Query Match	100.0%	Score 797	DB 14	Length 138
Best Local Similarity	100.0%	Pred. No. 3.9e-71		
Matches 138	Conservative 0	Mismatches 0	Indels 0	Gaps 0
QY	1	MDQVSSPIYNTSEPCQKINVKQIAAYKCGLCALAAQWDFGNMTCQHORVHGHHS	60	
DB	1	MDQVSSPIYNTSEPCQKINVKQIAAYKCGLCALAAQWDFGNMTCQHORVHGHHS	60	
QY	61	YKGLCTRSQKGLHYTCSSHPFYSQYQFWNFTLKIQRVHGGGYSKGLCQFFGL	120	
DB	61	YKGLCTRSQKGLHYTCSSHPFYSQYQFWNFTLKIQRVHGGGYSKGLCQFFGL	120	
QY	121	NNCSSNRLDGHQRVHAA	138	
DB	121	NNCSSNRLDGHQRVHAA	138	

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

Query Match	47.6%	Score 379;	DB 9;	Length 352;
Best Local Similarity	35.0%;	Pred. No. 2.2e-29;		
Matches	99;	Conservative	7;	Mismatches 27; Indels 150; Gaps 7;
QY	1	MDVQVSPYDINYTSEPCQKINKQIAA-		30
DB	1	MDVQVSPYDINYTSEPCQKINKQIAARLLPLYSLVFIRGFVGNMLVILILNCKR	60	
QY	31	-----YKGLC-----AAQWDFGNTMCQHORVGHGHHHSYKCG---	64	
DB	61	LKSMTDIYLLNLAISDLFFLLTVPFWAHYAAQWDFGNTMC--QLLTGLHYTIGFSGITFF	118	
QY	65	-----LCTRSQKGLHYTC	78	
DB	119	IILLTDIYLAHVHAFALKARTVTFGWTSVITWVAVFASLPGIIFTRSQKGLHYTC	178	
QY	79	SSHPFSYQFQWKPQFTLKI-----HORVHG-----	105	
DB	179	SSHPFSYQFQWKPQFTKLIVGLVLPPLVWVYCVSGILTKLLRCNEKKHRAVELIF	238	
QY	106	-----GGSYKGLC-----QEFFGLNCCSSNRLDGHQR	135	
DB	239	TTIVYFLFWAYNIVLLNTQFEGFGLNCCSSNRLDAQV	281	

RESULT 5

US-09-779-879A-22
; Sequence 22, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGMR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/09/779,879A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 22
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-779-879A-22

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 1 MDYQVSSPIYDINVTSEPCQKINVKQIAA----- 30
DB 1 MDYQVSSPIYDINVTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILINCKR 60
QY 31 -----YKCGLC-----AAQWDFGNTMCQHORVGHGHHHSYKCG--- 64
DB 61 LKSMTDIYLLNLALISDLFLLTVFPWAHYAAQWDFGNTMC--QLLTGLYFIFGFSGIF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTDIYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 79 SSHFPYQYQWKNFOTLKI-----HORVHG----- 105
DB 179 SSHFPYQYQWKNFOTLKIIVILGLVPLVWVICYSGLKTLRCNEKKRRAVRLIF 238
QY 106 -----GGSYKCGLC-----QEFFGLNCCSSNRLDGHORV 135
DB 239 TIMIVYFLWAPYNIIVLLNTFQEFFGLNCCSSNRLDQAMQV 281
RESULT 6
US-09-779-880A-22
; Sequence 22, Application US/09779880A
; Patent No. US20020061834A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGMR10
; FILE REFERENCE: 1488.115000C
; CURRENT APPLICATION NUMBER: US/09/779,880A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patent in version 3.0

; SEQ ID NO 22
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-779-880A-22

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 1 MDYQVSSPIYDINVTSEPCQKINVKQIAA----- 30
DB 1 MDYQVSSPIYDINVTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILINCKR 60
QY 31 -----YKCGLC-----AAQWDFGNTMCQHORVGHGHHHSYKCG--- 64
DB 61 LKSMTDIYLLNLALISDLFLLTVFPWAHYAAQWDFGNTMC--QLLTGLYFIFGFSGIF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTDIYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 79 SSHFPYQYQWKNFOTLKI-----HORVHG----- 105
DB 179 SSHFPYQYQWKNFOTLKIIVILGLVPLVWVICYSGLKTLRCNEKKRRAVRLIF 238
QY 106 -----GGSYKCGLC-----QEFFGLNCCSSNRLDGHORV 135
DB 239 TIMIVYFLWAPYNIIVLLNTFQEFFGLNCCSSNRLDQAMQV 281
RESULT 7
US-09-813-653-15
; Sequence 15, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan, Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT APPLICATION NUMBER: US/09/813,653
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 15
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-15

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 1 MDYQVSSPIYDINVTSEPCQKINVKQIAA----- 30
DB 1 MDYQVSSPIYDINVTSEPCQKINVKQIAARLLPLYSLVIFGFGVGNMLVILINCKR 60
QY 31 -----YKCGLC-----AAQWDFGNTMCQHORVGHGHHHSYKCG--- 64
DB 61 LKSMTDIYLLNLALISDLFLLTVFPWAHYAAQWDFGNTMC--QLLTGLYFIFGFSGIF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTDIYLAHVAVFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178

QY 79 SSHFPYSQYQWKNFQTLKI-----HORVHG----- 105
DB 179 SSHFPYSQYQWKNFQTLKIIVLGLVPLLVWVVCYSGILKTLRCNKKHRAVRLIF 238
QY 106 -----GGSYKGLC-----QEFGLNCCSSNRLDGHORV 135
DB 239 TIMIVYFLWAPYINVLILNTQEFGLNCCSSNRLDQAMQV 281

RESULT 8

US-09-813-653-17
; Sequence 17, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT APPLICATION NUMBER: US/09/813,653
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-17

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAA----- 30
DB 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAARLLPPLYSVLVFGVGNMVLVILINCKR 60
QY 31 -----YKGLC-----AAAQWDFGNTMCOHORVGHGHHHSYKCG--- 64
DB 61 LKSMTDIYLLNLATSDLLFTVFPWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTDRYLAHVAVFALKARTVTGVVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 79 SSHFPYSQYQWKNFQTLKI-----HORVHG----- 105
DB 179 SSHFPYSQYQWKNFQTLKIIVLGLVPLLVWVVCYSGILKTLRCNKKHRAVRLIF 238
QY 106 -----GGSYKGLC-----QEFGLNCCSSNRLDGHORV 135
DB 239 TIMIVYFLWAPYINVLILNTQEFGLNCCSSNRLDQAMQV 281

RESULT 9

US-09-796-202-1
; Sequence 1, Application US/09796202
; Patent No. US2002006813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPW/SHS
; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28

; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-09-796-202-1
Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
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DB 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAARLLPPLYSVLVFGVGNMVLVILINCKR 60
QY 31 -----YKGLC-----AAAQWDFGNTMCOHORVGHGHHHSYKCG--- 64
DB 61 LKSMTDIYLLNLATSDLLFTVFPWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTDRYLAHVAVFALKARTVTGVVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 79 SSHFPYSQYQWKNFQTLKI-----HORVHG----- 105
DB 179 SSHFPYSQYQWKNFQTLKIIVLGLVPLLVWVVCYSGILKTLRCNKKHRAVRLIF 238
QY 106 -----GGSYKGLC-----QEFGLNCCSSNRLDGHORV 135
DB 239 TIMIVYFLWAPYINVLILNTQEFGLNCCSSNRLDQAMQV 281

RESULT 10

US-09-195-662A-2
; Sequence 2, Application US/09195662A
; Patent No. US20020076745A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HDGNR10 (CCR5 Receptor)
; FILE REFERENCE: 1488.1150002
; CURRENT APPLICATION NUMBER: US/09/195,662A
; CURRENT FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence: Genomic
; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-195-662A-2

Query Match 47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
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DB 1 MDYQVSSPIYDINTYTSEPCQKINVKQIAARLLPPLYSVLVFGVGNMVLVILINCKR 60
QY 31 -----YKGLC-----AAAQWDFGNTMCOHORVGHGHHHSYKCG--- 64
DB 61 LKSMTDIYLLNLATSDLLFTVFPWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 65 -----LCTRSQKEGLHYTC 78
DB 119 IILLTDRYLAHVAVFALKARTVTGVVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 79 SSHFPYSQYQWKNFQTLKI-----HORVHG----- 105

STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/938,719
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, V
; CURRENT APPLICATION DATA:

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SOFTWARE: PATENT RELEASE #1.0, VERSION #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/938,719
 FILING DATE: 24-AUG-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/626,939
 FILING DATE: 27-JULY-2000
 ATTORNEY/AGENT INFORMATION:
 NAME: Altman, Daniel E
 REGISTRATION NUMBER: 34,115
 REFERENCE/DOCKET NUMBER: <Unknown>
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 352 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 US-09-938-719-5

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1 MDYVSSPIYDINYTSPCKINVKIAA----- 30
1 MDYVSSPIYDINYTSPCKINVKIAA|PPLYSIVTFGVGNMLVILINCKR 60
31 -----VKGLC-----AAQWDGNTMCQORVGHGHHHSYKCG-- 64
61 LKSMWDIVLNLAI|SDLFLLTVPFWAHYAAQWDGNTMC--QLLTGLYFTGFSGIFF 118
65 -----LCTRSQKGLHYTC 78
119 IULLTIDRYLAVHVA|FALKARTVTGGVTSVTWVAVFASLPGIIFTRSQKGLHYTC 178
79 SSHFPYSQYQFWKNFTLKI-----HQRVHG----- 105
179 SSHFPYSQYQFWKNFTLKI|VLGLVPLVMVTCYSGILTKLIRCNKKRHRVLIIF 238
106 -----GSGYKGLC-----QEFFLNNCSSNR|LDGHQRV 135
239 TIMIVVFLFWAP|NYVLLANTFOEFFGLNNCSSNR|LDQAVY 281

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RESULT 12
US-09-938-719-5
; Sequence 5, Application US/09938719
; Patent No. US20020106742A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL

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US-09-938-719-5
: Sequence 5, Application US/09938719
: Patent No. US20020106742A1
: GENERAL INFORMATION:
: APPLICANT: SAMSON, MICHEL
: PARMENTIER, MARC
: VASSART, GILBERT
: LIBERT, FREDERICK
: TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
: NUMBER OF SEQUENCES: 17
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Knobbe, Martens, Olson & Bear

```

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RESULT 13
US-09-939-226-5
; Sequence 5, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERIC
;
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
;
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.

```



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1 OPERATING SYSTEM: PC-DOS/MS-DOS
2 SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPC)
3
4 CURRENT APPLICATION DATA:
5     APPLICATION NUMBER: US/09/938,703
6     FILING DATE: 24-Aug-2001
7     CLASSIFICATION: <Unknown>
8
9 PRIOR APPLICATION DATA:
10    APPLICATION NUMBER: 09/626,939
11    FILING DATE: 2000-07-27
12
13 ATTORNEY/AGENT INFORMATION:
14    NAME: Altman, Daniel E
15    REGISTRATION NUMBER: 34,115
16    REFERENCE/DOCKET NUMBER: <Unknown>
17
18 INFORMATION FOR SEQ ID NO: 5:
19     SEQUENCE CHARACTERISTICS:
20         LENGTH: 352 amino acids
21         TYPE: amino acid
22         TOPOLOGY: linear
23
24     MOLECULE TYPE: protein
25     SEQUENCE DESCRIPTION: SEQ ID NO: 5:
26     US-09-938-703--5

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Query Match      47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred.No.2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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Db      1 MDYQVSSPYIDINYTSBPCQKINKQIAARLLPLYSLVIFGFGVNMVLILINCKR 60
QY      31 -----YKGLC-----AAQWDFGNTWCQHORVGHGHHUSYKCG---64
Db      61 LKSMTDIYLLNLAI SDFELLTPVFWAHYAAQWDFGNTWC--QLLTGLYIGFSGIYP 118
QY      65 -----LCTRQKSGLUHYTC 78
Db      119 IILLTDIYLAHVHAFALKARTFTGWTVTITWVAVFASLPGLIIFTRQKSGLUHYTC 178
QY      79 SSHFPYSQYQFWKNFOTIKI-----HORVHG-----105
Db      179 SSHFPYSQYQFWKNFOTIKI VILGLVLLMWI CYSGILKTLRLCRNEKRRHRAVELLF 238
QY      106 -----GGSYKGLC-----QEFGGLNCCSSNRLDGHQRV 135
Db      239 TTMVYTFEADPNYVILNTPFEFGGLNCCSSNRLDQAMOV 281

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RESULT 15
US-09-502-783A-2
; Sequence 2, Application US/09502783A
; Patent No. US20020132269A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CCL
; TITLE OF INVENTION: HDGMR10
; FILE REFERENCE: 1488.1150006
; CURRENT APPLICATION NUMBER: US/09/502,783A
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-502-783A-2

Query Match      47.6%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred.No. 2.2e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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QY 1 MDYQVSSPIYDINYTSEPCQKINVKQIAARLLPPLYSLVFIQFVGNMLVILILINCKR 60
Db |||||
QY 31 -----YKCGLC----- 64
Db |||||
QY 61 LKSMTDIYLLNLALSDFLLVFPWAHYAAQWDFGNTMC-QLLTGYFIQFSGIFF 118
Db |||||
QY 65 -----LCTRSQKEGLHYTC 78
Db |||||
QY 119 IILLTIDRYLAVVHAFKARTVTFGWTISVITWVAVFASLPGLIFTTSQKEGLHYTC 178
Db |||||
QY 79 SSHFPYSQYQFWNFOTILKI-----HORVHG----- 105
Db |||||
QY 179 SSHFPYSQYQFWNFOTILKIVILGLVPLLVVICYSGLIKTLRCRNEKKRRAVRLIF 238
Db |||||
QY 106 -----GGSYKCGLC-----OEEFGINCCSSNELDGHQV 135
Db |||||
QY 239 TIMIVYFLWAPYINIVILLNTFOEFFGLNCCSSNELDQAMQV 281
Db |||||

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Job time : 94.7037 secs

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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 4.07407 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-15
Sequence: 1 GHHS 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

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Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:
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13: /cgn2_6/ptodata/1/pubaa/US10_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/1/pubaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	42	100.0	6	14	US-10-057-890A-15
2	42	100.0	138	14	US-10-057-890A-10
3	42	100.0	157	14	US-10-057-890A-31
4	42	100.0	546	12	US-10-424-599-269649
5	39	92.9	131	12	US-10-424-599-239144
6	39	92.9	324	12	US-10-412-699B-1483
7	39	92.9	324	15	US-10-374-780A-1363
8	39	92.9	347	12	US-10-424-599-226876
9	39	92.9	379	14	US-10-253-007-46
10	39	92.9	1480	10	US-09-922-011-10
11	39	92.9	1484	9	US-09-945-901-56
12	39	92.9	1484	13	US-10-007-747-56
13	39	92.9	1484	14	US-10-038-937-56
14	39	92.9	1484	14	US-10-146-806-2
15	38	90.5	6	14	US-10-179-784-39

16	38	90.5	9	9	US-09-821-984-44	Sequence 44, Appl
17	38	90.5	9	9	US-09-284-663A-25	Sequence 25, Appl
18	38	90.5	9	9	US-09-854-280-18	Sequence 18, Appl
19	38	90.5	9	9	US-09-854-208-18	Sequence 18, Appl
20	38	90.5	9	14	US-10-203-013-27	Sequence 27, Appl
21	38	90.5	9	14	US-10-203-013-29	Sequence 29, Appl
22	38	90.5	10	8	US-08-464-363-73	Sequence 73, Appl
23	38	90.5	10	9	US-09-981-636-2	Sequence 3, Appl
24	38	90.5	10	9	US-09-981-636-3	Sequence 3, Appl
25	38	90.5	10	10	US-09-976-935-31	Sequence 31, Appl
26	38	90.5	10	11	US-09-933-780C-24	Sequence 24, Appl
27	38	90.5	10	14	US-10-104-919-60	Sequence 60, Appl
28	38	90.5	10	15	US-10-351-157-72	Sequence 72, Appl
29	38	90.5	10	16	US-10-395-741B-61	Sequence 61, Appl
30	38	90.5	11	9	US-09-814-569-2	Sequence 2, Appl
31	38	90.5	13	15	US-10-297-229-67	Sequence 67, Appl
32	38	90.5	14	8	US-08-464-363-76	Sequence 76, Appl
33	38	90.5	14	9	US-09-900-330A-19	Sequence 19, Appl
34	38	90.5	15	9	US-09-374-671-53	Sequence 53, Appl
35	38	90.5	15	14	US-10-196-107A-53	Sequence 53, Appl
36	38	90.5	19	14	US-10-342-103-17	Sequence 17, Appl
37	38	90.5	20	14	US-10-408-930-32	Sequence 32, Appl
38	38	90.5	21	10	US-09-832-464-21	Sequence 21, Appl
39	38	90.5	22	9	US-09-331-631A-16	Sequence 16, Appl
40	38	90.5	22	14	US-10-147-095-16	Sequence 16, Appl
41	38	90.5	23	15	US-10-354-774-24	Sequence 24, Appl
42	38	90.5	23	15	US-10-271-012-24	Sequence 24, Appl
43	38	90.5	24	9	US-09-934-465-8	Sequence 8, Appl
44	38	90.5	24	9	US-09-884-733-9	Sequence 9, Appl
45	38	90.5	24	13	US-10-080-455-5	Sequence 5, Appl

ALIGNMENTS

RESULT 1
US-10-057-890A-15
; Sequence 15, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-15

Query Match 100.0%; Score 42; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 GHHS 6
RESULT 2
US-10-057-890A-10
; Sequence 10, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy

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; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-057-890A-10

Query Match      100.0%; Score 42; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 55 GHHHHS 60

RESULT 3
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-057-890A-31

Query Match      100.0%; Score 42; DB 14; Length 157;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 74 GHHHHS 79

RESULT 4
US-10-424-599-269649
; Sequence 269649, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Glycine max
; US-10-424-599-269649

Query Match      100.0%; Score 42; DB 12; Length 546;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 69 GHHHHS 74

RESULT 5
US-10-424-599-239144
; Sequence 239144, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 239144
; LENGTH: 131
; TYPE: PRT
; ORGANISM: Glycine max
; US-10-424-599-239144

Query Match      92.9%; Score 39; DB 12; Length 131;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 121 GHHHHA 126

RESULT 6
US-10-412-699B-1483
; Sequence 1483, Application US/10412699B
; Publication No. US20040045049A1
; GENERAL INFORMATION:
; APPLICANT: Mendel Biotechnology, Inc.
; APPLICANT: Zhang, James
; APPLICANT: Fromm, Michael E.
; APPLICANT: Heard, Jacqueline E.
; APPLICANT: Riechmann, Jose Luis
; APPLICANT: Adam, Luc J.
; APPLICANT: Broun, Pierre E.
; APPLICANT: Pineda, Omaira
; APPLICANT: Reuber, T. Lynne
; APPLICANT: Keddie, James S.
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Jiang, Cai-Zhong
; APPLICANT: Samaha, Raymond R.
; APPLICANT: Pilgrim, Marsha L.
; APPLICANT: Creelman, Robert A.
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; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-057-890A-10

Query Match      100.0%; Score 42; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 55 GHHHHS 60

RESULT 3
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; FILE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-057-890A-31

Query Match      100.0%; Score 42; DB 14; Length 157;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 74 GHHHHS 79

RESULT 4
US-10-424-599-269649
; Sequence 269649, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-424-599-269649

Query Match      100.0%; Score 42; DB 12; Length 546;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 69 GHHHHS 74

RESULT 5
US-10-424-599-239144
; Sequence 239144, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 239144
; LENGTH: 131
; TYPE: PRT
; ORGANISM: Glycine max
; US-10-424-599-239144

Query Match      92.9%; Score 39; DB 12; Length 131;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GHHHHS 6
Db 121 GHHHHA 126

RESULT 6
US-10-412-699B-1483
; Sequence 1483, Application US/10412699B
; Publication No. US20040045049A1
; GENERAL INFORMATION:
; APPLICANT: Mendel Biotechnology, Inc.
; APPLICANT: Zhang, James
; APPLICANT: Fromm, Michael E.
; APPLICANT: Heard, Jacqueline E.
; APPLICANT: Riechmann, Jose Luis
; APPLICANT: Adam, Luc J.
; APPLICANT: Broun, Pierre E.
; APPLICANT: Pineda, Omaira
; APPLICANT: Reuber, T. Lynne
; APPLICANT: Keddie, James S.
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Jiang, Cai-Zhong
; APPLICANT: Samaha, Raymond R.
; APPLICANT: Pilgrim, Marsha L.
; APPLICANT: Creelman, Robert A.
```

APPLICANT: DuBell, Arnold N.
APPLICANT: Ratcliffe, Oliver
APPLICANT: Kuminoto, Roderick
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: Polynucleotides and Polypeptides in Plants
FILE REFERENCE: MBI-0048CIP
CURRENT APPLICATION NUMBER: US/10/412,699B
CURRENT FILING DATE: 2003-04-10
PRIOR APPLICATION NUMBER: 09/394,519
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: 09/489,376
PRIOR FILING DATE: 2000-01-21
PRIOR APPLICATION NUMBER: 09/506,720
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: 09/533,030
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,392
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,029
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/532,591
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,648
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/713,994
PRIOR FILING DATE: 2000-11-16
PRIOR APPLICATION NUMBER: 09/819,142
PRIOR FILING DATE: 2001-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2011
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1483
LENGTH: 324
TYPE: PRT
ORGANISM: Oryza sativa
US-10-412-699B-1483

Query Match 92.9%; Score 39; DB 12; Length 324;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHHS 6
Db 21 GHHHHA 26

RESULT 7
US-10-374-780A-1363
Sequence 1363, Application US/10374780A
Publication No. US20040019927A1
GENERAL INFORMATION:
APPLICANT: Sherman, Bradley K
APPLICANT: Riechmann, Jose Luis
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Heard, Jacqueline E
APPLICANT: Haake, Volker
APPLICANT: Creelman, Robert A
APPLICANT: Ratcliffe, Oliver
APPLICANT: Adam, Luc J
APPLICANT: Reuber, T. Lynne
APPLICANT: Keddie, James
APPLICANT: Brown, Pierre E
APPLICANT: Pilgrim, Marsha L
APPLICANT: DuBell III, Arnold T
APPLICANT: Pinada, Omaira
APPLICANT: Yu, Guo-Liang
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
FILE REFERENCE: MBI-0047 CIP
CURRENT APPLICATION NUMBER: US/10/374,780A
CURRENT FILING DATE: 2003-02-25
PRIOR APPLICATION NUMBER: 09/837,944
PRIOR FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: 60/310,847

PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/934,455
PRIOR FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 60/336,049
PRIOR FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/338,692
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 10/171,468
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 10/225,066
PRIOR FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/225,067
PRIOR FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/225,068
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 2906
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1363
LENGTH: 324
TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Orthologous to G1051, G1052
US-10-374-780A-1363

Query Match 92.3%; Score 39; DB 15; Length 324;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHHS 6
Db 21 GHHHHA 26

RESULT 8
US-10-424-599-226876
Sequence 226876, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J
APPLICANT: Kovalic, David K
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 226876
LENGTH: 347
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(347)
OTHER INFORMATION: unsure at all xaa locations
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MBT3847_468C.1.pap
US-10-424-599-226876

Query Match 92.9%; Score 39; DB 12; Length 347;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHHS 6
Db 215 GHHHHA 220

RESULT 9
US-10-253-007-46
Sequence 46, Application US/10253007

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; Publication No. US20030088073A1
; GENERAL INFORMATION:
; APPLICANT: Benfey et al.
; TITLE OF INVENTION: Scarecrow Gene, Promoter and Uses
; FILE OF INVENTION: Thereof
; FILE REFERENCE: 5914-074-999
; CURRENT APPLICATION NUMBER: US/10/253,007
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/186,188
; PRIOR FILING DATE: 1998-11-05
; PRIOR APPLICATION NUMBER: 08/842,445
; PRIOR FILING DATE: 1997-04-24
; PRIOR APPLICATION NUMBER: 08/638,617
; PRIOR FILING DATE: 1996-04-26
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Plant
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(379)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-253-007-46

Query Match          92.9%; Score 39; DB 14; Length 379;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 GHHHHS 6
      |||||:
Db      6 GHHHHT 11

RESULT 10
US-09-922-011-10
; Sequence 10, Application US/09922011
; Publication No. US20030096331A1
; GENERAL INFORMATION:
; APPLICANT: CIS Biotech, Inc.
; APPLICANT: Dambinova, Svetlana
; TITLE OF INVENTION: Rapid multiple panel of biomarkers in laboratory blood tests for
; TITLE OF INVENTION: TIA/stroke
; FILE REFERENCE: 08805.105001
; CURRENT APPLICATION NUMBER: US/09/922,011
; CURRENT FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 1480
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-922-011-10

Query Match          92.9%; Score 39; DB 10; Length 1480;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 GHHHHS 6
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Db      1360 GHHHNN 1365

RESULT 11
US-09-945-901-56
; Sequence 56, Application US/09945901
; Patent No. US20020161215A1
; GENERAL INFORMATION:
; APPLICANT: Daggett, Lorrie P.
; APPLICANT: Ellis, Steven B.
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lu, Chin-Chun
; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
; SURINITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
US-09-945-901-56

Query Match          92.9%; Score 39; DB 9; Length 1484;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 GHHHHS 6
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Db      1360 GHHHNN 1365

RESULT 12
US-10-007-747-56
; Sequence 56, Application US/10007747
; Publication No. US20020161193A1
; GENERAL INFORMATION:
; APPLICANT: Daggett, Lorrie P.
; APPLICANT: Ellis, Steven B.
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lu, Chin-Chun
; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
; SURINITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
US-10-007-747-56

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; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
; SURINITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/945,901
; FILING DATE: 24-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/940,035
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/052,449
; FILING DATE: 20-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 6362-9383E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-238-0999
; TELEFAX: 619-238-0062
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1484 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-945-901-56

Query Match          92.9%; Score 39; DB 9; Length 1484;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 GHHHHS 6
      |||||:
Db      1360 GHHHNN 1365

RESULT 12
US-10-007-747-56
; Sequence 56, Application US/10007747
; Publication No. US20020161193A1
; GENERAL INFORMATION:
; APPLICANT: Daggett, Lorrie P.
; APPLICANT: Ellis, Steven B.
; APPLICANT: Liaw, Chen W.
; APPLICANT: Lu, Chin-Chun
; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
; SURINITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
US-10-007-747-56

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; REFERENCE/DOCKET NUMBER: 6362-9383D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-238-0999
; TELEFAX: 619-238-0062
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1484 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-038-937-56

Query Match          92.9%  Score 39;  DB 14;  Length 1484;
Best Local Similarity 83.3%;  Pred. No. 6e+02;
Matches 5;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0;

QY      1  GHHHHS 6
      |||||:
DB      1360  GHHHHS 1365

RESULT 14
US-10-146-806-2
; Sequence 2, Application US/10146806
; Publication No. US20030087371A1
; GENERAL INFORMATION:
; APPLICANT: FOLDES, Robert L.
; ADAMS, Sally-Lin
; KAMBOJ, Rajender
; DUNCAN, H. Scott
; TITLE OF INVENTION: Modulatory Proteins of Human CNS
; Receptors
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,806
; FILING DATE: 17-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/264,578
; FILING DATE: 23-JUN-1994
; APPLICATION NUMBER: US 07/987,953
; FILING DATE: 11-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 16777/261/ALLE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1484 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-146-806-2

Query Match          92.9%  Score 39;  DB 14;  Length 1484;
Best Local Similarity 83.3%;  Pred. No. 6e+02;

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Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHEHHS 6
 Db 1360 GHEHHS 1365

RESULT 15
 US-10-179-784-39
 ; Sequence 39, Application US/10179784
 ; Publication No. US20030036647A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shuman, Stewart
 ; APPLICANT: Sriskanda, Veri
 ; TITLE OF INVENTION: Pharmacological Targeting of Bacterial DNA Ligase
 ; TITLE OF INVENTION: For Treatment And Prevention of Bacterial Infections
 ; FILE REFERENCE: D6468
 ; CURRENT APPLICATION NUMBER: US/10/179,784
 ; CURRENT FILING DATE: 2002-06-24
 ; PRIOR APPLICATION NUMBER: US 60/300,727
 ; PRIOR FILING DATE: 2001-06-24
 ; NUMBER OF SEQ ID NOS: 41
 ; SEQ ID NO 39
 ; LENGTH: 6
 ; TYPE: PRT
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; NAME/KEY: CHAIN
 ; OTHER INFORMATION: a histidine tag
 US-10-179-784-39

Query Match 90.5%; Score 38; DB 14; Length 6;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHEHHS 5
 Db 1 GHEHHS 5

Search completed: March 18, 2004, 00:55:13
 Job time : 4.07407 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 4.07407 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-15
Perfect score: 42
Sequence: 1 GHHHS 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/prodata/1/pubpaa/US07_PUB.pep.*
3: /cgn2_6/prodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/prodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pep.*
7: /cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pep.*
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9: /cgn2_6/prodata/1/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/prodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/prodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/prodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	42	100.0	6	14	US-10-057-890A-15
2	42	100.0	138	14	US-10-057-890A-10
3	42	100.0	157	14	US-10-057-890A-31
4	42	100.0	546	12	US-10-424-599-269649
5	39	92.9	131	12	US-10-424-599-239144
6	39	92.9	324	12	US-10-412-699B-1483
7	39	92.9	324	15	US-10-374-780A-1363
8	39	92.9	347	12	US-10-424-599-226876
9	39	92.9	379	14	US-10-253-007-46
10	39	92.9	1480	10	US-09-922-011-10
11	39	92.9	1484	9	US-09-945-901-56
12	39	92.9	1484	13	US-10-007-747-56
13	39	92.9	1484	14	US-10-038-937-56
14	39	92.9	1484	14	US-10-146-806-2
15	38	90.5	6	14	US-10-179-784-39

Sequence 44, Appl
Sequence 25, Appl
Sequence 18, Appl
Sequence 18, Appl
Sequence 27, Appl
Sequence 29, Appl
Sequence 73, Appl
Sequence 2, Appl
Sequence 3, Appl
Sequence 31, Appl
Sequence 24, Appl
Sequence 60, Appl
Sequence 72, Appl
Sequence 61, Appl
Sequence 2, Appl
Sequence 67, Appl
Sequence 76, Appl
Sequence 19, Appl
Sequence 53, Appl
Sequence 53, Appl
Sequence 17, Appl
Sequence 32, Appl
Sequence 21, Appl
Sequence 16, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 8, Appl
Sequence 9, Appl
Sequence 5, Appl

ALIGNMENTS

RESULT 1

US-10-057-890A-15
; Sequence 15, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same,
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-15

Query Match 100.0%; Score 42; DB 14; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHS 6

DB 1 GHHHS 6

RESULT 2

US-10-057-890A-10
; Sequence 10, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, timothy

; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
; FILE OF INVENTION: of Using the Same.
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-10

Query Match 100.0%; Score 42; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
DB 55 GHHS 60

RESULT 3
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
; FILE REFERENCE: PF537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-31

Query Match 100.0%; Score 42; DB 14; Length 157;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
DB 74 GHHS 79

RESULT 4
US-10-424-599-269649
; Sequence 269649, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684

; SEQ ID NO 269649
; LENGTH: 546
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(546)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_85512C.1.pep
US-10-424-599-269649

Query Match 100.0%; Score 42; DB 12; Length 546;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
DB 69 GHHS 74

RESULT 5
US-10-424-599-239144
; Sequence 239144, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 239144
; LENGTH: 131
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_57972C.1.pep
US-10-424-599-239144

Query Match 92.9%; Score 39; DB 12; Length 131;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
DB 121 GHHS 126

RESULT 6
US-10-412-699B-1483
; Sequence 1483, Application US/10412699B
; Publication No. US20040045049A1
; GENERAL INFORMATION:
; APPLICANT: Mendel Biotechnology, Inc.
; APPLICANT: Zhang, James
; APPLICANT: Fromm, Michael E.
; APPLICANT: Heard, Jacqueline E.
; APPLICANT: Riechmann, Jose Luis
; APPLICANT: Adam, Luc J.
; APPLICANT: Broun, Pierre E.
; APPLICANT: Pineda, Omaira
; APPLICANT: Reuber, T. Lynne
; APPLICANT: Keddle, James S.
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Jiang, Cai-Zhong
; APPLICANT: Samaha, Raymond R.
; APPLICANT: Pilgrim, Marsha L.
; APPLICANT: Creelman, Robert A.

APPLICANT: Dubell, Arnold N.
APPLICANT: Ratcliffe, Oliver
APPLICANT: Kunimoto, Roderick
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: Polynucleotides and Polypeptides in Plants
FILE REFERENCE: MBI-0048CIP
CURRENT APPLICATION NUMBER: US/10/412,699B
CURRENT FILING DATE: 2003-04-10
PRIOR APPLICATION NUMBER: 09/394,519
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: 09/489,376
PRIOR FILING DATE: 2000-01-21
PRIOR APPLICATION NUMBER: 09/506,720
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: 09/533,030
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,392
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,029
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/532,591
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,648
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/713,994
PRIOR FILING DATE: 2000-11-16
PRIOR APPLICATION NUMBER: 09/819,142
PRIOR FILING DATE: 2001-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2011
SOFTWARE: Patent in version 3.2
SEQ ID NO 1483
LENGTH: 324
TYPE: PRT
ORGANISM: Oryza sativa
US-10-412-699B-1483

Query Match 92.9%; Score 39; DB 12; Length 324;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHS 6
DB 21 GHHHA 26

RESULT 7
US-10-374-780A-1363
Sequence 1363, Application US/10374780A
Publication No. US2004001992A1
GENERAL INFORMATION:
APPLICANT: Sherman, Bradley K.
APPLICANT: Riechmann, Jose Luis
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Heard, Jacqueline E
APPLICANT: Haake, Volker
APPLICANT: Creelman, Robert A
APPLICANT: Ratcliffe, Oliver
APPLICANT: Adam, Luc J
APPLICANT: Reuber, T. Lynne
APPLICANT: Reddie, James
APPLICANT: Broun, Pierre E
APPLICANT: Pilgrim, Marsha L
APPLICANT: Dubell III, Arnold T
APPLICANT: Pineda, Omaira
APPLICANT: Yu, Guo-Liang
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
FILE REFERENCE: MBI-0047 CIP
CURRENT APPLICATION NUMBER: US/10/374,780A
CURRENT FILING DATE: 2003-02-25
PRIOR APPLICATION NUMBER: 09/837,944
PRIOR FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: 60/310,847

PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/934,455
PRIOR FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 60/336,049
PRIOR FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/338,692
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 10/171,468
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 10/225,066
PRIOR FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/225,067
PRIOR FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/225,068
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 2906
SOFTWARE: Patent in version 3.2
SEQ ID NO 1363
LENGTH: 324
TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Orthologous to Gl051, Gl052
US-10-374-780A-1363

Query Match 92.9%; Score 39; DB 15; Length 324;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHS 6
DB 21 GHHHA 26

RESULT 8
US-10-424-599-226876
Sequence 226876, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 226876
LENGTH: 347
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(347)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_468C.1.pep
US-10-424-599-226876

Query Match 92.9%; Score 39; DB 12; Length 347;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHS 6
DB 215 GHHHA 220

RESULT 9
US-10-253-007-46
Sequence 46, Application US/10253007

; Publication No. US2003008073A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bentley et al.
 ; TITLE OF INVENTION: Scarecrow Gene, Promoter and Uses
 ; TITLE OF INVENTION: Thereof
 ; FILE REFERENCE: 5914-074-999
 ; CURRENT APPLICATION NUMBER: US/10/253,007
 ; CURRENT FILING DATE: 2002-09-23
 ; PRIOR FILING DATE: 1998-11-05
 ; PRIOR APPLICATION NUMBER: US/09/186,188
 ; PRIOR FILING DATE: 1997-04-24
 ; PRIOR APPLICATION NUMBER: 08/842,445
 ; PRIOR FILING DATE: 1997-04-24
 ; PRIOR APPLICATION NUMBER: 08/638,617
 ; PRIOR FILING DATE: 1996-04-26
 ; NUMBER OF SEQ ID NOS: 79
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 46
 ; LENGTH: 379
 ; TYPE: PRT
 ; ORGANISM: Plant
 ; FEATURE:
 ; NAME/KEY: VARIANT
 ; LOCATION: (1)...(379)
 ; OTHER INFORMATION: Xaa = Any Amino Acid
 ; US-10-253-007-46

Query Match 92.9%; Score 39; DB 14; Length 379;
 Best Local Similarity 83.3%; Pred. No. 1.8e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
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 Db 6 GHHS 11

RESULT 10

US-09-922-011-10
 ; Sequence 10, Application US/09922011
 ; Publication No. US2003009631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CIS Biotech, Inc.
 ; APPLICANT: Daminova, Svetlana
 ; TITLE OF INVENTION: Rapid multiple panel of biomarkers in laboratory blood tests for
 ; TITLE OF INVENTION: TIA/stroke
 ; FILE REFERENCE: 08805.105001
 ; CURRENT APPLICATION NUMBER: US/09/922,011
 ; CURRENT FILING DATE: 2001-08-02
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: Patent in version 3.1
 ; SEQ ID NO 10
 ; LENGTH: 1480
 ; TYPE: PRT
 ; ORGANISM: homo sapiens
 ; US-09-922-011-10

Query Match 92.9%; Score 39; DB 10; Length 1480;
 Best Local Similarity 83.3%; Pred. No. 6e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
 |||||
 Db 1360 GHHS 1365

RESULT 11

US-09-945-901-56
 ; Sequence 56, Application US/09945901
 ; Patent No. US20020161215A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Daggett, Lorrie P.
 ; Ellis, Steven B.
 ; Liaw, Chen W.
 ; Lu, Chin-Chun

; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
 ; SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
 ; NUMBER OF SEQUENCES: 63
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Heller Ehrman White & McAuliffe
 ; STREET: 4250 Executive Square, 7th Floor
 ; CITY: La Jolla
 ; STATE: CA
 ; COUNTRY: U.S.A.
 ; ZIP: 92037
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/945,901
 ; FILING DATE: 24-Jan-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/940,035
 ; FILING DATE: <Unknown>
 ; APPLICATION NUMBER: US 08/052,449
 ; FILING DATE: 20-APR-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Seidman, Stephanie
 ; REGISTRATION NUMBER: 33,779
 ; REFERENCE/DOCKET NUMBER: 6362-9383E
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 619-238-0999
 ; TELEFAX: 619-238-0062
 ; INFORMATION FOR SEQ ID NO: 56:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1484 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
 ; US-09-945-901-56

Query Match 92.9%; Score 39; DB 9; Length 1484;
 Best Local Similarity 83.3%; Pred. No. 6e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHS 6
 |||||
 Db 1360 GHHS 1365

RESULT 12

US-10-007-747-56
 ; Sequence 56, Application US/10007747
 ; Publication No. US20020161193A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Daggett, Lorrie P.
 ; Ellis, Steven B.
 ; Liaw, Chen W.
 ; Lu, Chin-Chun

; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
 ; SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
 ; NUMBER OF SEQUENCES: 63
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Heller Ehrman White & McAuliffe
 ; STREET: 4250 Executive Square, 7th Floor
 ; CITY: La Jolla
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 92037

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25

;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/10/007,747
;/ FILING DATE: 07-Dec-2001
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/648,797
;/ FILING DATE: 28-Aug-2000
;/ APPLICATION NUMBER: US/08/940,086A
;/ FILING DATE: 29-SEPT-97
;/ APPLICATION NUMBER: US 08/231,193
;/ FILING DATE: 20-APR-1994
;/ APPLICATION NUMBER: US 08/052,449
;/ FILING DATE: 20-APR-1993
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Seidman, Stephanie
;/ REGISTRATION NUMBER: 33,779
;/ REFERENCE/DOCKET NUMBER: 24735-9383C
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (619) 450-8400
;/ TELEFAX: (619) 450-8499
;/ INFORMATION FOR SEQ ID NO: 56:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 1484 amino acids
;/ TYPE: amino acid
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: protein
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-007-747-56

Query Match 92.9%; Score 39; DB 13; Length 1484;
Best Local Similarity 83.3%; Pred. No. 6e+02; Indels 0; Gaps 0;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
US-10-007-747-56

QY 1 GHHS 6
Db 1360 GHHS 1365

RESULT 13
US-10-038-937-56
; Sequence 56, Application US/10038937
; Publication No. US20030013866A1
; GENERAL INFORMATION:
; APPLICANT: Daggett, Lorrie P.
; Lu, Chin-Chun
; TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
; SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/038,937
; FILING DATE: 18-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/935,105
; FILING DATE: 29-SEPT-97
; APPLICATION NUMBER: US 08/231,193
; FILING DATE: 20-APR-1994
; APPLICATION NUMBER: US 08/052,449
; FILING DATE: 20-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie
; REGISTRATION NUMBER: 33,779

;/ REFERENCE/DOCKET NUMBER: 6362-9383D
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 619-238-0999
;/ TELEFAX: 619-238-0062
;/ INFORMATION FOR SEQ ID NO: 56:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 1484 amino acids
;/ TYPE: amino acid
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: protein
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-038-937-56

Query Match 92.9%; Score 39; DB 14; Length 1484;
Best Local Similarity 83.3%; Pred. No. 6e+02; Indels 0; Gaps 0;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
US-10-038-937-56

QY 1 GHHS 6
Db 1360 GHHS 1365

RESULT 14
US-10-146-806-2
; Sequence 2, Application US/10146806
; Publication No. US20030087371A1
; GENERAL INFORMATION:
; APPLICANT: FOLDES, Robert L.
; ADAMS, Sally-Lin
; KAMBOJ, Rajender
; DUNCAN, H. Scott
; TITLE OF INVENTION: Modulatory Proteins of Human CNS
; Receptors
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,806
; FILING DATE: 17-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/264,578
; FILING DATE: 23-JUN-1994
; APPLICATION NUMBER: US 07/987,953
; FILING DATE: 11-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 16777/261/ALLE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1484 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
;/ MOLECULE TYPE: protein
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-146-806-2

Query Match 92.9%; Score 39; DB 14; Length 1484;
Best Local Similarity 83.3%; Pred. No. 6e+02;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHS 6

Db 1360 GHHHN 1365

RESULT 15

US-10-179-784-39
; Sequence 39, Application US/10179784
; Publication No. US20030036647A1
; GENERAL INFORMATION:
; APPLICANT: Shuman, Stewart
; APPLICANT: Sriskanda, Verl
; TITLE OF INVENTION: Pharmacological Targeting of Bacterial DNA Ligase
; TITLE OF INVENTION: For Treatment And Prevention of Bacterial Infections
; FILE REFERENCE: D6468
; CURRENT APPLICATION NUMBER: US/10/179,784
; PRIOR FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: US 60/300,727
; PRIOR FILING DATE: 2001-06-24
; NUMBER OF SEQ ID NOS: 41
; SEQ ID NO 39
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: CHAIN
; OTHER INFORMATION: a histone tag
US-10-179-784-39

Query Match 90.5%; Score 38; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GHHHS 5

Db 1 GHHHS 5

Search completed: March 18, 2004, 00:55:13
Job time : 4.07407 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 3.39506 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-16

Perfect score: 28

Sequence: 1 GGGGS 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/BCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	28	100.0	5	9	US-09-287-849-44
2	28	100.0	5	9	US-09-147-142-31
3	28	100.0	5	9	US-09-214-645-1
4	28	100.0	5	9	US-09-858-616-2
5	28	100.0	5	9	US-09-779-233-45
6	28	100.0	5	9	US-09-989-789-3
7	28	100.0	5	9	US-09-976-787-21
8	28	100.0	5	9	US-09-192-854-180
9	28	100.0	5	9	US-09-761-962-36
10	28	100.0	5	9	US-09-333-527-5
11	28	100.0	5	9	US-09-925-796-8
12	28	100.0	5	9	US-09-815-830-116
13	28	100.0	5	9	US-09-033-525-5
14	28	100.0	5	9	US-09-779-451-7
15	28	100.0	5	9	US-09-941-450-8

16	28	100.0	5	9	US-09-818-247-25
17	28	100.0	5	9	US-09-883-777-10
18	28	100.0	5	9	US-09-867-262-3
19	28	100.0	5	9	US-09-780-933-22
20	28	100.0	5	9	US-09-480-236-10
21	28	100.0	5	9	US-09-731-558-6
22	28	100.0	5	9	US-09-828-708-123
23	28	100.0	5	9	US-09-885-551A-3
24	28	100.0	5	9	US-09-756-283A-14
25	28	100.0	5	9	US-09-144-886-4
26	28	100.0	5	9	US-09-999-745-56
27	28	100.0	5	9	US-09-942-087A-8
28	28	100.0	5	9	US-09-942-090-8
29	28	100.0	5	9	US-09-554-000-40
30	28	100.0	5	9	US-09-752-793A-1
31	28	100.0	5	9	US-09-792-793A-2
32	28	100.0	5	10	US-09-846-033B-212
33	28	100.0	5	10	US-09-990-186-3
34	28	100.0	5	10	US-09-897-844-8
35	28	100.0	5	10	US-09-989-994-3
36	28	100.0	5	10	US-09-911-261A-23
37	28	100.0	5	10	US-09-942-024-84
38	28	100.0	5	10	US-09-942-098-84
39	28	100.0	5	10	US-09-969-748C-38
40	28	100.0	5	10	US-09-992-124A-61
41	28	100.0	5	10	US-09-949-039-37
42	28	100.0	5	12	US-10-289-456-120
43	28	100.0	5	12	US-10-239-656-31
44	28	100.0	5	12	US-10-668-778-3
45	28	100.0	5	12	US-10-668-778-6

ALIGNMENTS

RESULT 1

US-09-287-849-44
; Sequence 44, Application US/09287849
; Patent No. US20020009459A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Alderson, Mark
; APPLICANT: Campos-Neto, Antonio
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Fusion Proteins of Mycobacterium tuberculosis Antigens
; TITLE OF INVENTION: and Their Uses
; FILE REFERENCE: 014058-009020US
; CURRENT APPLICATION NUMBER: US/09/287,849
; CURRENT FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 08/818,112
; PRIOR FILING DATE: 1997-03-13
; PRIOR APPLICATION NUMBER: US 08/942,578
; PRIOR FILING DATE: 1997-10-01
; PRIOR APPLICATION NUMBER: US 09/025,197
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 09/056,556
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: US 09/223,040
; PRIOR FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 44
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:flexible
; OTHER INFORMATION: polylinker
US-09-287-849-44

Query Match 100.0% ; Score 28; DB 9; Length 5;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

QY 1 GGGGS 5
|||||
Db 1 GGGGS 5

RESULT 2
US-09-147-142-31
; Sequence 31, Application US/09147142
; Patent No. US20020018749A1
; GENERAL INFORMATION:
; APPLICANT: HUDSON, Peter John
; APPLICANT: KORTT, Alex Andrew
; APPLICANT: IRVING, Robert Alexander
; APPLICANT: ATWELL, John Leslie
; TITLE OF INVENTION: HIGH AVIDITY POLYVALENT AND POLYSPECIFIC REAGENTS
; FILE REFERENCE: 016786/0212
; CURRENT APPLICATION NUMBER: US/09/147,142
; CURRENT FILING DATE: 1999-03-05
; EARLIER APPLICATION NUMBER: PCT/AU98/00212
; EARLIER FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: AU PO 5917
; EARLIER FILING DATE: 1997-03-27
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 31
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: peptide linker
US-09-147-142-31

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
Db 1 GGGGS 5

RESULT 3
US-09-214-645-1
; Sequence 1, Application US/09214645
; Patent No. US20020028443A1
; GENERAL INFORMATION:
; APPLICANT: Short, Jay M.
; TITLE OF INVENTION: METHOD OF DNA SHUFFLING WITH
; TITLE OF INVENTION: POLYNUCLEOTIDES PRODUCED BY BLOCKING OR INTERRUPTING A
; TITLE OF INVENTION: SYNTHESIS OR AMPLIFICATION PROCESS
; FILE REFERENCE: DIVER1220-2
; CURRENT APPLICATION NUMBER: US/09/214,645
; CURRENT FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: PCT/US97/12239
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: linker peptide
US-09-214-645-1

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5
|||||

RESULT 4
US-09-858-616-2
; Sequence 2, Application US/09858616
; Patent No. US20020031771A1
; GENERAL INFORMATION:
; APPLICANT: DIVERSA CORPORATION
; APPLICANT: SHORT, Jay
; TITLE OF INVENTION: SEQUENCE BASED SCREENING
; FILE REFERENCE: DIVER1210-6
; CURRENT APPLICATION NUMBER: US/09/858,616
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US/09/571,499
; PRIOR FILING DATE: 2000-05-15
; PRIOR APPLICATION NUMBER: US/09/557,276
; PRIOR FILING DATE: 2000-04-24
; PRIOR APPLICATION NUMBER: US/08/692,002
; PRIOR FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: US/60/008,317
; PRIOR FILING DATE: 1995-12-07
; PRIOR APPLICATION NUMBER: US/08/944,795
; PRIOR FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Linker peptide
US-09-858-616-2

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
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Db 1 GGGGS 5

RESULT 5
US-09-779-233-45
; Sequence 45, Application US/09779233
; Patent No. US20020045158A1
; GENERAL INFORMATION:
; APPLICANT: Case, Casey
; TITLE OF INVENTION: CELLS FOR DRUG DISCOVERY
; FILE REFERENCE: 8325-0010
; CURRENT APPLICATION NUMBER: US/09/779,233
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 45
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: linker
US-09-779-233-45

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
Db 1 GGGGS 5

RESULT 6

US-09-989-789-3
; Sequence 3, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: peptide linker
US-09-989-789-3

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 7

US-09-976-787-21
; Sequence 21, Application US/09976787
; Patent No. US20020064528A1
; GENERAL INFORMATION:
; APPLICANT: Witte, Larry
; TITLE OF INVENTION: Antibodies Specific to KDR and Uses Thereof
; FILE REFERENCE: 11245/46505
; CURRENT APPLICATION NUMBER: US/09/976,787
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 09/493,539
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: US 60/117,726
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: WordPerfect 8.0 for Windows
; SEQ ID NO 21
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide linker
US-09-976-787-21

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 8

US-09-192-854-180
; Sequence 180, Application US/09192854
; Patent No. US20020068276A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916

; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 180
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Linker peptide
; OTHER INFORMATION: for connecting variable domains.
US-09-192-854-180

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 9

US-09-761-962-36
; Sequence 36, Application US/09761962
; Patent No. US2002007285A1
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
; TITLE OF INVENTION: Identification and Characterization of Multiple Splice
; TITLE OF INVENTION: Variants of Mu-
; FILE OF INVENTION: Opioid Receptor (MOR-1) Gene
; FILE REFERENCE: 830002-2000.1
; CURRENT APPLICATION NUMBER: US/09/761,962
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/743,872
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: basic unit of a linking peptide
US-09-761-962-36

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 10

US-09-333-527-5
; Sequence 5, Application US/09333527
; Patent No. US20020078472A1
; GENERAL INFORMATION:
; APPLICANT: Paul CHRISTOU; Eva STROGER; Rainer FISCHER; Carmen MARTIN-VAQUERO; Stef
; TITLE OF INVENTION: METHODS AND MEANS FOR EXPRESSION OF MAMMALIAN POLYPEPTIDES
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10103
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.25 inch, 1.44mb
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/333,527
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/089,322
FILING DATE: June 15, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Mary Anne Schofield
REGISTRATION NUMBER: 36,669
REFERENCE/DOCKET NUMBER: KL/JIC 202.1 - JEL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 318-3000
TELEFAX: (212) 752-5958
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5
TYPE: amino acid
TOPOLOGY: linear
US-09-333-527-5

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
DB 1 GGGGS 5

RESULT 11

US-09-925-796-8
Sequence 8, Application US/09925796
Patent No. US20020081614A1
GENERAL INFORMATION:
APPLICANT: Case, Casey C.
APPLICANT: Zhang, Lei
APPLICANT: Sangamo Biosciences, Inc.
TITLE OF INVENTION: Functional Genomics Using Zinc Finger Proteins
FILE REFERENCE: 019496-002000US
CURRENT APPLICATION NUMBER: US/09/925,796
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/395,448
PRIOR FILING DATE: 1999-09-14
PRIOR APPLICATION NUMBER: 09/229,037
PRIOR FILING DATE: 1999-01-12
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: linker
US-09-925-796-8

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
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DB 1 GGGGS 5

RESULT 12

US-09-815-837-116
Sequence 116, Application US/09815837
Patent No. US20020082411A1

GENERAL INFORMATION:
APPLICANT: Carter, Darrick
APPLICANT: Zhu, Shirley
APPLICANT: Arimilli, Subhashini
APPLICANT: Wang, Aijun
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Immune Mediators and Related Methods
FILE REFERENCE: 014058-005670US
CURRENT APPLICATION NUMBER: US/09/815,837
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 60/191,274
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: US 60/204,249
PRIOR FILING DATE: 2000-05-15
PRIOR APPLICATION NUMBER: US 60/264,003
PRIOR FILING DATE: 2001-01-23
NUMBER OF SEQ ID NOS: 129
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 116
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: downstream
US-09-815-837-116

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
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DB 1 GGGGS 5

RESULT 13

US-09-033-525-5
Sequence 5, Application US/09033525
Patent No. US20020090374A1
GENERAL INFORMATION:
APPLICANT: Yarkoni, Shai
APPLICANT: Ben-Yehudah, Ahmi
APPLICANT: Azar, Yehudith
APPLICANT: Aqeilan, Rami
APPLICANT: Belotstotsky, Ruth
APPLICANT: Lorberbom-Galski, Haya
TITLE OF INVENTION: CHIMERIC PROTEINS WITH CELL-TARGETING
FILE REFERENCE: 9457-009-999
CURRENT APPLICATION NUMBER: US/09/033,525
CURRENT FILING DATE: 1998-03-02
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Flexible polylinker
US-09-033-525-5

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
DB 1 GGGGS 5

RESULT 14

US-09-779-451-7

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; Sequence 7, Application US/09779451
; Patent No. US20020094521A1
; GENERAL INFORMATION:
; APPLICANT: Wild, Carl T.
; APPLICANT: Allaway, Graham P.
; TITLE OF INVENTION: Assay for Detection of Viral Fusion Inhibitors
; FILE REFERENCE: 1900.0300003
; CURRENT APPLICATION NUMBER: US/09/779,451
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: US 60/235,901
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/181,543
; PRIOR FILING DATE: 2000-02-10
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: REPEAT
; LOCATION: (1)..(5)
; OTHER INFORMATION: (GGGGS)x, where x is 1, 2, 3, 4, or 5
; NAME/KEY: misc feature
; OTHER INFORMATION: Preferred amino acid residues
US-09-779-451-7

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Query Match      100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 GGGGS 5
Db      1 GGGGS 5

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RESULT 15
US-09-941-450-8
; Sequence 8, Application US/09941450
; Patent No. US20020094529A1
; GENERAL INFORMATION:
; APPLICANT: Case, Casey C.
; APPLICANT: Urnov, Fyodor
; TITLE OF INVENTION: GENE IDENTIFICATION
; FILE REFERENCE: S7.US3 / 8325-0007.20
; CURRENT APPLICATION NUMBER: US/09/941,450
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/395,448
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 8
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: linker
US-09-941-450-8

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Query Match      100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 GGGGS 5
Db      1 GGGGS 5

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Search completed: March 18, 2004, 00:55:14
Job time : 4.39506 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 3.39506 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-16

Perfect score: 28

Sequence: 1 GGGGS 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

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9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
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13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	28	100.0	5	9	US-09-287-849-44
2	28	100.0	5	9	US-09-147-142-31
3	28	100.0	5	9	US-09-214-645-1
4	28	100.0	5	9	US-09-858-616-2
5	28	100.0	5	9	US-09-779-233-45
6	28	100.0	5	9	US-09-989-789-3
7	28	100.0	5	9	US-09-976-787-21
8	28	100.0	5	9	US-09-192-854-180
9	28	100.0	5	9	US-09-761-962-36
10	28	100.0	5	9	US-09-333-527-5
11	28	100.0	5	9	US-09-925-796-8
12	28	100.0	5	9	US-09-815-837-116
13	28	100.0	5	9	US-09-033-525-5
14	28	100.0	5	9	US-09-779-451-7
15	28	100.0	5	9	US-09-941-450-8

16	28	100.0	5	9	US-09-818-247-25	Sequence 25, Appl
17	28	100.0	5	9	US-09-883-777-10	Sequence 10, Appl
18	28	100.0	5	9	US-09-867-262-3	Sequence 3, Appl
19	28	100.0	5	9	US-09-780-933-22	Sequence 22, Appl
20	28	100.0	5	9	US-09-480-236-10	Sequence 10, Appl
21	28	100.0	5	9	US-09-731-558-6	Sequence 6, Appl
22	28	100.0	5	9	US-09-828-708-123	Sequence 123, Appl
23	28	100.0	5	9	US-09-885-551A-3	Sequence 3, Appl
24	28	100.0	5	9	US-09-756-283A-14	Sequence 14, Appl
25	28	100.0	5	9	US-09-144-886-4	Sequence 4, Appl
26	28	100.0	5	9	US-09-999-745-56	Sequence 56, Appl
27	28	100.0	5	9	US-09-942-087A-8	Sequence 8, Appl
28	28	100.0	5	9	US-09-942-090-8	Sequence 8, Appl
29	28	100.0	5	9	US-09-554-000-40	Sequence 40, Appl
30	28	100.0	5	9	US-09-792-793A-1	Sequence 1, Appl
31	28	100.0	5	9	US-09-792-793A-2	Sequence 2, Appl
32	28	100.0	5	10	US-09-846-033B-212	Sequence 212, Appl
33	28	100.0	5	10	US-09-990-186-3	Sequence 3, Appl
34	28	100.0	5	10	US-09-897-844-8	Sequence 8, Appl
35	28	100.0	5	10	US-09-989-994-3	Sequence 3, Appl
36	28	100.0	5	10	US-09-911-261A-23	Sequence 23, Appl
37	28	100.0	5	10	US-09-942-024-84	Sequence 84, Appl
38	28	100.0	5	10	US-09-942-098-84	Sequence 84, Appl
39	28	100.0	5	10	US-09-969-748C-38	Sequence 38, Appl
40	28	100.0	5	10	US-09-992-124A-61	Sequence 61, Appl
41	28	100.0	5	10	US-09-949-039-37	Sequence 37, Appl
42	28	100.0	5	12	US-10-289-456-120	Sequence 120, Appl
43	28	100.0	5	12	US-10-239-656-91	Sequence 91, Appl
44	28	100.0	5	12	US-10-668-778-3	Sequence 3, Appl
45	28	100.0	5	12	US-10-668-778-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1

US-09-287-849-44
; Sequence 44, Application US/09287849
; Patent No. US20020009459A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Alderson, Mark
; APPLICANT: Campos-Neto, Antonio
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Fusion Proteins of Mycobacterium tuberculosis Antigens
; TITLE OF INVENTION: and Their Uses
; FILE REFERENCE: 014058-009020US
; CURRENT APPLICATION NUMBER: US/09/287,849
; CURRENT FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 08/818,112
; PRIOR FILING DATE: 1997-03-13
; PRIOR APPLICATION NUMBER: US 08/942,578
; PRIOR FILING DATE: 1997-10-01
; PRIOR APPLICATION NUMBER: US 09/025,197
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 09/056,556
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: US 09/223,040
; PRIOR FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 5
; TIPS: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:flexible
; OTHER INFORMATION: polylinker
US-09-287-849-44

Query Match 100.0%; Score 28; DB 9; Length 5;

Best Local Similarity 100.0%; Pred. No. 9.5e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

QY 1 GGGGS 5
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Db 1 GGGGS 5

RESULT 2
US-09-147-142-31
; Sequence 31, Application US/09147142
; Patent No. US20020018749A1
; GENERAL INFORMATION:
; APPLICANT: HUDSON, Peter John
; APPLICANT: KORTT, Alex Andrew
; APPLICANT: IRVING, Robert Alexander
; APPLICANT: ATWELL, John Leslie
; TITLE OF INVENTION: HIGH AVIDITY POLYVALENT AND POLYSPECIFIC REAGENTS
; FILE REFERENCE: 016786/0212
; CURRENT APPLICATION NUMBER: US/09/147,142
; CURRENT FILING DATE: 1999-03-05
; EARLIER APPLICATION NUMBER: PCT/AU98/00212
; EARLIER FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: AU PO 5917
; EARLIER FILING DATE: 1997-03-27
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 31
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: peptide linker
US-09-147-142-31

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
Db 1 GGGGS 5

RESULT 3
US-09-214-645-1
; Sequence 1, Application US/09214645
; Patent No. US2002002843A1
; GENERAL INFORMATION:
; APPLICANT: Short, Jay M.
; TITLE OF INVENTION: METHOD OF DNA SHUFFLING WITH
; TITLE OF INVENTION: POLYNUCLEOTIDES PRODUCED BY BLOCKING OR INTERRUPTING A
; TITLE OF INVENTION: SYNTHESIS OR AMPLIFICATION PROCESS
; FILE REFERENCE: DIVER1220-2
; CURRENT APPLICATION NUMBER: US/09/214,645
; CURRENT FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: PCT/US97/12239
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: linker peptide
US-09-214-645-1

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5
|||||

RESULT 4
US-09-858-616-2
; Sequence 2, Application US/09858616
; Patent No. US20020031771A1
; GENERAL INFORMATION:
; APPLICANT: DIVERSA CORPORATION
; APPLICANT: SHORT, Jay
; TITLE OF INVENTION: SEQUENCE BASED SCREENING
; FILE REFERENCE: DIVER1210-6
; CURRENT APPLICATION NUMBER: US/09/858,616
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 09/571,499
; PRIOR FILING DATE: 2000-05-15
; PRIOR APPLICATION NUMBER: US 09/557,276
; PRIOR FILING DATE: 2000-04-24
; PRIOR APPLICATION NUMBER: US 08/692,002
; PRIOR FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: US 60/008,317
; PRIOR FILING DATE: 1995-12-07
; PRIOR APPLICATION NUMBER: US 08/944,795
; PRIOR FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Linker peptide
US-09-858-616-2

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
Db 1 GGGGS 5

RESULT 5
US-09-779-233-45
; Sequence 45, Application US/09779233
; Patent No. US20020045158A1
; GENERAL INFORMATION:
; APPLICANT: Case, Casey
; TITLE OF INVENTION: CELLS FOR DRUG DISCOVERY
; FILE REFERENCE: 8325-0010
; CURRENT APPLICATION NUMBER: US/09/779,233
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 45
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: linker
US-09-779-233-45

Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5
|||||
Db 1 GGGGS 5

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RESULT 6
US-09-989-789-3
; CURRENT APPLICATION NUMBER: US/09989789
; Sequence 3, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: peptide linker
US-09-989-789-3

Query Match      100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGS 5
Db      1 GGGGS 5

RESULT 7
US-09-976-787-21
; Sequence 21, Application US/09976787
; Patent No. US20020064528A1
; GENERAL INFORMATION:
; APPLICANT: Zhu, Zhenping
; APPLICANT: Witte, Larry
; TITLE OF INVENTION: Antibodies Specific to KDR and Uses Thereof
; FILE REFERENCE: 11245/46505
; CURRENT APPLICATION NUMBER: US/09/976,787
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 09/493,539
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: US 60/117,726
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: WordPerfect 8.0 for Windows
; SEQ ID NO 21
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide linker
US-09-976-787-21

Query Match      100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGS 5
Db      1 GGGGS 5

RESULT 8
US-09-192-854-180
; Sequence 180, Application US/09192854
; Patent No. US20020068276A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916
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; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 180
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Linker peptide
; OTHER INFORMATION: for connecting variable domains.
US-09-192-854-180

Query Match      100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGS 5
Db      1 GGGGS 5

RESULT 9
US-09-761-962-36
; Sequence 36, Application US/09761962
; Patent No. US2002007285A1
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
; TITLE OF INVENTION: Identification and Characterization of Multiple Splice
; TITLE OF INVENTION: Variants of Mu-
; FILE REFERENCE: 830002-2000.1
; CURRENT APPLICATION NUMBER: US/09/761,962
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/743,872
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: basic unit of a linking peptide
US-09-761-962-36

Query Match      100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGGGS 5
Db      1 GGGGS 5

RESULT 10
US-09-333-527-5
; Sequence 5, Application US/09333527
; Patent No. US20020078472A1
; GENERAL INFORMATION:
; APPLICANT: Paul CHRISTOU; Eva STROGER; Rainer FISCHER; Carmen MARTIN-VAQUERO; S
; TITLE OF INVENTION: METHODS AND MEANS FOR EXPRESSION OF MAMMALIAN POLYPEPTIDES
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10103
; COMPUTER READABLE FORM:
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us-10-057-890a-16.rapb

Mon Mar 22 07:57:05 2004

; MEDIUM TYPE: Diskette, 3.25 inch, 1.44mb
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: PC-DOS
 ; SOFTWARE: Wordperfect
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/333.527
 ; FILING DATE: Concurrently Herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA: 60/089,322
 ; APPLICATION NUMBER: 60/089,322
 ; FILING DATE: June 15, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Mary Anne Schofield
 ; REGISTRATION NUMBER: 36,669
 ; REFERENCE/DOCKET NUMBER: KL/JIC 202.1 - JEL
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212) 318-3000
 ; TELEFAX: (212) 752-5958
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 5
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; US-09-333-527-5

Query Match 100.0%; Score 28; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGS 5
 Db 1 GGGGS 5

RESULT 11

US-09-925-796-8
 ; Sequence 8, Application US/0925796
 ; Patent No. US20020081614A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Case, Casey C.
 ; APPLICANT: Zhang, Lei
 ; APPLICANT: Sangamo Biosciences, Inc.
 ; TITLE OF INVENTION: Functional Genomics Using Zinc Finger Proteins
 ; FILE REFERENCE: 019496-002000US
 ; CURRENT APPLICATION NUMBER: US/09/925,796
 ; CURRENT FILING DATE: 2001-08-09
 ; PRIOR APPLICATION NUMBER: 09/395,448
 ; PRIOR FILING DATE: 1999-09-14
 ; PRIOR APPLICATION NUMBER: 09/229,037
 ; PRIOR FILING DATE: 1999-01-12
 ; NUMBER OF SEQ ID NOS: 23
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 8
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:linker
 ; US-09-925-796-8

Query Match 100.0%; Score 28; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGS 5
 Db 1 GGGGS 5

RESULT 12

US-09-815-837-116
 ; Sequence 116, Application US/09815837
 ; Patent No. US20020082411A1

; GENERAL INFORMATION:
 ; APPLICANT: Carter, Darrick
 ; APPLICANT: Zhu, Shirley
 ; APPLICANT: Arimilli, Subhashini
 ; APPLICANT: Wang, Aijun
 ; APPLICANT: Corixa Corporation
 ; TITLE OF INVENTION: Immune Mediators and Related Methods
 ; FILE REFERENCE: 014058-005670US
 ; CURRENT APPLICATION NUMBER: US/09/815,837
 ; CURRENT FILING DATE: 2001-03-22
 ; PRIOR APPLICATION NUMBER: US 60/191,274
 ; PRIOR FILING DATE: 2000-03-22
 ; PRIOR APPLICATION NUMBER: US 60/204,249
 ; PRIOR FILING DATE: 2000-05-15
 ; PRIOR APPLICATION NUMBER: US 60/264,003
 ; PRIOR FILING DATE: 2001-01-23
 ; NUMBER OF SEQ ID NOS: 129
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 116
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:downstream
 ; OTHER INFORMATION: linker for C0596
 ; US-09-815-837-116

Query Match 100.0%; Score 28; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGS 5
 Db 1 GGGGS 5

RESULT 13

US-09-033-525-5
 ; Sequence 5, Application US/09033525
 ; Patent No. US20020090374A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Yarkoni, Shai
 ; APPLICANT: Ben-Yehudah, Ahmi
 ; APPLICANT: Azar, Yehudith
 ; APPLICANT: Aqeilan, Rami
 ; APPLICANT: Belototsky, Ruth
 ; APPLICANT: Lorberbaum-Galski, Haya
 ; TITLE OF INVENTION: CHIMERIC PROTEINS WITH CELL-TARGETING
 ; SPECIFICITY AND APOPTOSIS-INDUCING ACTIVITIES
 ; FILE REFERENCE: 9457-009-999
 ; CURRENT APPLICATION NUMBER: US/09/033,525
 ; CURRENT FILING DATE: 1998-03-02
 ; NUMBER OF SEQ ID NOS: 10
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 5
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Flexible polylinker
 ; US-09-033-525-5

Query Match 100.0%; Score 28; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGGS 5
 Db 1 GGGGS 5

RESULT 14

US-09-779-451-7

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; Sequence 7, Application US/09779451
; Patent No. US20020094521A1
; GENERAL INFORMATION:
; APPLICANT: Willg, Carl T.
; APPLICANT: Allaway, Graham P.
; TITLE OF INVENTION: Assay for Detection of Viral Fusion Inhibitors
; FILE REFERENCE: 1900.030003
; CURRENT APPLICATION NUMBER: US/09/779,451
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: US 60/235,901
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/181,543
; PRIOR FILING DATE: 2000-02-10
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: REPEAT
; LOCATION: (1)..(5)
; OTHER INFORMATION: (GGGGS)x, where x is 1, 2, 3, 4, or 5
; NAME/KEY: misc feature
; OTHER INFORMATION: Preferred amino acid residues
US-09-779-451-7
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Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 GGGGS 5
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Db 1 GGGGS 5
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RESULT 15
US-09-941-450-8
; Sequence 8, Application US/09941450
; Patent No. US20020094529A1
; GENERAL INFORMATION:
; APPLICANT: Case, Casey C.
; APPLICANT: Urmov, Fyodor
; TITLE OF INVENTION: GENE IDENTIFICATION
; FILE REFERENCE: S7 US3 / 8325-0007.20
; CURRENT APPLICATION NUMBER: US/09/941,450
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/395,448
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: linker
US-09-941-450-8
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Query Match 100.0%; Score 28; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 GGGGS 5
    |||||
Db 1 GGGGS 5
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Job time : 4.39506 secs
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GenCore version 5.1.6
Copyright (C) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 00:46:12 ; Search time 106.605 Seconds
(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-31
Perfect score: 884
Sequence: 1 MKVSVAAALSCMLVTLGSM.....GLNCCSSNRLDGHQRVHAA 157

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Published Applications AA:
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12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	884	100.0	157	14	US-10-057-890A-31
2	797	90.2	138	14	US-10-057-890A-10
3	379	42.9	352	9	US-09-725-285-2
4	379	42.9	352	9	US-09-759-841-2
5	379	42.9	352	9	US-09-779-879A-22
6	379	42.9	352	9	US-09-779-880A-22
7	379	42.9	352	9	US-09-813-653-15
8	379	42.9	352	9	US-09-813-653-17
9	379	42.9	352	9	US-09-756-202-1
10	379	42.9	352	9	US-09-195-662A-2
11	379	42.9	352	9	US-09-339-912A-2
12	379	42.9	352	9	US-09-938-719-5
13	379	42.9	352	9	US-09-939-226-5
14	379	42.9	352	9	US-09-938-703-5
15	379	42.9	352	9	US-09-502-783A-2

16	379	42.9	352	10	US-09-734-221A-14	Sequence 14, Appl
17	379	42.9	352	11	US-09-826-509-477	Sequence 477, App
18	379	42.9	352	13	US-10-106-623-2	Sequence 2, Appli
19	379	42.9	352	14	US-10-232-686-2	Sequence 2, Appli
20	379	42.9	352	14	US-10-086-814-1	Sequence 1, Appli
21	379	42.9	352	14	US-10-067-800-22	Sequence 22, Appl
22	379	42.9	352	14	US-10-290-058A-6	Sequence 6, Appli
23	379	42.9	352	14	US-10-225-567A-352	Sequence 352, App
24	379	42.9	352	14	US-10-323-314-1	Sequence 1, Appli
25	379	42.9	352	14	US-10-071-866-1	Sequence 1, Appli
26	379	42.9	352	14	US-10-135-839-22	Sequence 22, Appl
27	379	42.9	352	14	US-10-239-423-67	Sequence 67, Appl
28	379	42.9	352	14	US-10-439-845-4	Sequence 4, Appli
29	379	42.9	352	14	US-10-360-828-1	Sequence 1, Appli
30	379	42.9	352	15	US-10-135-839-2	Sequence 2, Appli
31	374	42.3	352	14	US-10-164-649-52	Sequence 52, Appl
32	374	42.3	352	14	US-10-439-845-2	Sequence 2, Appli
33	373	42.2	352	9	US-09-779-879A-2	Sequence 2, Appli
34	373	42.2	352	9	US-09-779-880A-2	Sequence 2, Appli
35	373	42.2	352	14	US-10-067-800-2	Sequence 2, Appli
36	373	42.2	352	14	US-10-135-839-2	Sequence 2, Appli
37	363	41.1	352	13	US-09-938-719-4	Sequence 20, Appl
38	258	29.2	184	9	US-09-939-226-4	Sequence 4, Appli
39	258	29.2	184	9	US-09-938-703-4	Sequence 4, Appli
40	258	29.2	184	9	US-09-938-719-6	Sequence 6, Appli
41	258	29.2	215	9	US-09-939-226-6	Sequence 6, Appli
42	258	29.2	215	9	US-09-938-703-6	Sequence 6, Appli
43	183.5	20.8	332	14	US-10-095-876A-2	Sequence 2, Appli
44	183.5	20.8	332	14	US-10-057-890A-13	Sequence 13, Appl
45	182	20.6	32	14	US-10-057-890A-31	

ALIGNMENTS

RESULT 1
US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US2003004901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Manfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, an
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PE537
; CURRENT APPLICATION NUMBER: US/10/057,890A
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-31

Query Match	100.0%	Score	884	DB	14	Length	157
Best Local Similarity	100.0%	Pred. No.	1e-79				
Matches	157	Conservative	0	Mismatches	0	Indels	0
Gaps	0						
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Db	1	MKVSVAALSCMLVTLGSM	DYQVSSPIYDNYTTSSEPCQKINVKQIAAYKGLCAAQW	60			
Qy	61	DFGNMTCQHQVHGHHSYKGLCTRSQKGLHYTCSHFFSYQYQFWKNFTLKHQR	120				
Db	61	DFGNMTCQHQVHGHHSYKGLCTRSQKGLHYTCSHFFSYQYQFWKNFTLKHQR	120				
Qy	121	VHGGGGSYKGLCQEFPLNCCSSNRLDGHQRVHAA	157				
Db	121	VHGGGGSYKGLCQEFPLNCCSSNRLDGHQRVHAA	157				

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RESULT 2
US-10-057-890A-10
; Sequence 10, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; APPLICANT: Mansfield, Brian
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
; FILE REFERENCE: PF637
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,958
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 10
; LENGTH: 138
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-057-890A-10

Query Match      90.2%; Score 797; DB 14; Length 138;
Best Local Similarity 100.0%; Pred. No. 3.7e-71;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 MDYQSSPIYDINYYTSEPCQKINVKQIAAAYKCGLCACAAQWDFGNTMCQQRVHGHHS 79
Db 1 MDYQSSPIYDINYYTSEPCQKINVKQIAAAYKCGLCACAAQWDFGNTMCQQRVHGHHS 60

QY 80 YKGLCTRSQKGLHYTCSSHPYSQYQFQKNTLKIQRVHGGGYSKGLCQEFGL 139
Db 61 YKGLCTRSQKGLHYTCSSHPYSQYQFQKNTLKIQRVHGGGYSKGLCQEFGL 120

QY 140 NCCSSNRLDGHQVHAA 157
Db 121 NCCSSNRLDGHQVHAA 138

RESULT 3
US-09-725-285-2
; Sequence 2, Application US/09725285
; Patent No. US20010000241A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGMR10
; FILE REFERENCE: 1488.1150003
; CURRENT APPLICATION NUMBER: US/09/725,285
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/339,912
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence: Genomic
; FEATURE:
; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-725-285-2

Query Match      42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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QY 20 MDYQSSPIYDINYYTSEPCQKINVKQIAA-----49
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QY 50 -----YKCGLC-----AAAQWDFGNTMCQQRVHGHHSYKCG---83
Db 61 LKSMTDIYLLNLAIISDLFFLLTVFPFWAHYAAQWDFGNTMC--QLLTGLYIFGFSGIFP 118
QY 84 -----LCTRSQKGLHYTC 97
Db 119 IILLTIDRYLAVVHAFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
QY 98 SSHFPYSQYQFQKNTLKI-----HORVHGG-----124
Db 179 SSHFPYSQYQFQKNTLKIIVILGLVPLVWVTCYSGLIKTLRCRNEKRRHRAVLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 154
Db 239 TIMIVYFLFWAPYINIVLLNTTFOEFFGLNCCSSNRLDQAMQV 281

RESULT 4
US-09-759-841-2
; Sequence 2, Application US/09759841
; Patent No. US20010039026A1
; GENERAL INFORMATION:
; APPLICANT: Rickett, Graham A
; APPLICANT: Dobbs, Susan
; APPLICANT: Perros, Manoussos
; TITLE OF INVENTION: Assay Method
; FILE REFERENCE: PCI0348APME
; CURRENT APPLICATION NUMBER: US/09/759,841
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: GB 0000661.9
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000663.5
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000659.3
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-759-841-2

Query Match      42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 20 MDYQSSPIYDINYYTSEPCQKINVKQIAA-----49
Db 1 MDYQSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVIFPGVGNMVLILLINCKR 60
QY 50 -----YKCGLC-----AAAQWDFGNTMCQQRVHGHHSYKCG---83
Db 61 LKSMTDIYLLNLAIISDLFFLLTVFPFWAHYAAQWDFGNTMC--QLLTGLYIFGFSGIFP 118
QY 84 -----LCTRSQKGLHYTC 97
Db 119 IILLTIDRYLAVVHAFALKARTVTFGVVTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
QY 98 SSHFPYSQYQFQKNTLKI-----HORVHGG-----124
Db 179 SSHFPYSQYQFQKNTLKIIVILGLVPLVWVTCYSGLIKTLRCRNEKRRHRAVLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 154
Db 239 TIMIVYFLFWAPYINIVLLNTTFOEFFGLNCCSSNRLDQAMQV 281

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RESULT 5
US-09-779-879A-22
; Sequence 22, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGMR10
; FILE REFERENCE: 1488.115000A
; CURRENT FILING DATE: 2001-02-09
; CURRENT APPLICATION NUMBER: US 60/179,879A
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-779-879A-22

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DB 1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
QY 50 -----YKCGLC-----AAQWDFGNTMCOHQRVHGHHSYKCG--- 83
DB 61 LKSMTDIYLLNLAISSDLFFLLTPFWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 84 -----LCTRSQKEGLHYTC 97
DB 119 IILLTIDRYLAVHVAHFALKARTVTFGVVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
QY 98 SSHFPYSQYQWKNFQTLKI-----HORVHGG----- 124
DB 179 SSHFPYSQYQWKNFQTLKIIVILGLVPLLVWICYSGILKTLRCNEKRRHRAVRLIF 238
QY 125 -----GGSYKCGLC-----QEFFGLNCCSSNRLDGHQV 154
DB 239 TIMIVYFLWAPYINIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 6
US-09-779-880A-22
; Sequence 22, Application US/09779880A
; Patent No. US20020061834A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGMR10
; FILE REFERENCE: 1488.115000C
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 22
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-779-880A-22
Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYVSSPIYDINYYTSEPCQKINVKQIAA----- 49
DB 1 MDYVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
QY 50 -----YKCGLC-----AAQWDFGNTMCOHQRVHGHHSYKCG--- 83
DB 61 LKSMTDIYLLNLAISSDLFFLLTPFWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 84 -----LCTRSQKEGLHYTC 97
DB 119 IILLTIDRYLAVHVAHFALKARTVTFGVVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
QY 98 SSHFPYSQYQWKNFQTLKI-----HORVHGG----- 124
DB 179 SSHFPYSQYQWKNFQTLKIIVILGLVPLLVWICYSGILKTLRCNEKRRHRAVRLIF 238
QY 125 -----GGSYKCGLC-----QEFFGLNCCSSNRLDGHQV 154
DB 239 TIMIVYFLWAPYINIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 7
US-09-813-653-15
; Sequence 15, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-15

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
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Db 179 SSHPPSYQYQFKNFQTLKIIVGLVPLVWVTCYSGILKTLRCNEKKRRAVRLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRDLGHQV 154
Db 239 TIMVYFLWAPYINVLNLTFFQEFFGLNCCSSNRDLQAMQV 281

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RESULT 8
US-09-813-653-17
; Sequence 17, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; CURRENT APPLICATION NUMBER: US/09/813,653
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-17

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Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 20 MDYQVSSPIYDINYTSPCKINVKQIAA-----149
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QY 50 -----YKGLC-----AAQMDFGNTMCHQVHGHHSYKCG---83
Db 61 LKSMTDIYLLNLAISDLFFLLTVPFWAHYAAQMDFGNTMC--QLTGLYFIQFSGIFF 118
QY 84 -----LCTRSQKGLHYTC 97
Db 119 ILLTIDRYLAVHVAFAKARTVTEGVVTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
QY 98 SSHPPSYQYQFKNFQTLKI-----HQRVHGG-----124
Db 179 SSHPPSYQYQFKNFQTLKIIVGLVPLVWVTCYSGILKTLRCNEKKRRAVRLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRDLGHQV 154
Db 239 TIMVYFLWAPYINVLNLTFFQEFFGLNCCSSNRDLQAMQV 281

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RESULT 9
US-09-796-202-1
; Sequence 1, Application US/09796202
; Patent No. US20020069813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2049/61010/JWP/SHS
; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28

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; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-09-796-202-1

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 20 MDYQVSSPIYDINYTSPCKINVKQIAA-----149
Db 1 MDYQVSSPIYDINYTSPCKINVKQIAARLLPPLSLVFIQFVGNMVLILINCKR 60
QY 50 -----YKGLC-----AAQMDFGNTMCHQVHGHHSYKCG---83
Db 61 LKSMTDIYLLNLAISDLFFLLTVPFWAHYAAQMDFGNTMC--QLTGLYFIQFSGIFF 118
QY 84 -----LCTRSQKGLHYTC 97
Db 119 ILLTIDRYLAVHVAFAKARTVTEGVVTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
QY 98 SSHPPSYQYQFKNFQTLKI-----HQRVHGG-----124
Db 179 SSHPPSYQYQFKNFQTLKIIVGLVPLVWVTCYSGILKTLRCNEKKRRAVRLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRDLGHQV 154
Db 239 TIMVYFLWAPYINVLNLTFFQEFFGLNCCSSNRDLQAMQV 281

RESULT 10
US-09-195-662A-2
; Sequence 2, Application US/09195662A
; Patent No. US20020076745A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HDGNR10 (CCR5 Receptor)
; FILE REFERENCE: 1488.1150002
; CURRENT APPLICATION NUMBER: US/09/195,662A
; CURRENT FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence: Genomic
; FEATURE:
; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-195-662A-2

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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QY 50 -----YKGLC-----AAQMDFGNTMCHQVHGHHSYKCG---83
Db 61 LKSMTDIYLLNLAISDLFFLLTVPFWAHYAAQMDFGNTMC--QLTGLYFIQFSGIFF 118
QY 84 -----LCTRSQKGLHYTC 97
Db 119 ILLTIDRYLAVHVAFAKARTVTEGVVTSVITWVAVFASLPGLIIFTRSQKGLHYTC 178
QY 98 SSHPPSYQYQFKNFQTLKI-----HQRVHGG-----124

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; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,719
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 27-JULY-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
;
US-09-938-719--5
;
Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
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;
DB 1 MDYQVSSPIYDINYTSPOKINKQIAARLLPPLYSLVIFGVGNMVLILLINCKR 60
;
QY 50 -----YKCGLC-----AAAQWDFGNTWCQQRVHGHHHSYKCG--83
;
DB 61 LKSMTDIYLLNLAISDLFLLITVPFWAHYAAQWDFGNTWC--QLLTGLYFIQFGSGIFF 118
;
QY 84 -----LCTRSQKEGLHYTC 97
;
DB 119 IILLTDIYLVAVHAFALKARTVTGVVTSVITWVAVFASLPGLIIFTSQKEGLHYTC 178
;
QY 98 SSHPPYQYQFQWKNFQTLKI-----HORVHG-----124
;
DB 179 SSHPPYQYQFQWKNFQTLKIVILGLVPLVWVICYSGILKTLILCRNEKKHRAVLIF 238
;
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQRV 154
;
DB 239 TIMIVYELFWPYNIVLLNLTFOEFFGLNCCSSNRLDAQOV 281
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RESULT 13
US-09-939-226-5
; Sequence 5, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
;
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
;
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.

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; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,226
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-226-5

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Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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DB 1 MDYQSSPIVDINYTSPPCKINVKQIAARLLPLPSLVIFGVGNMLVILLINCKR 60
QY 50 -----YKGLC-----AAQWDFGNTMCQHQHVGHGHHHSYKCG--- 83
DB 61 LKSMTDIYLLNLAISDLFLITVPFWAHYAAQWDFGNTMC--QLTGLYIFGFSGIFF 118
QY 84 -----LCTRSQKGLHYTC 97
DB 119 ILLTIDRYLAVHVAHFALKARTVTFGWTSVITWVAVFASLPGLIFTRSQKGLHYTC 178
QY 98 SSHPEYQYQFQWKNFTLKI-----HORVHG----- 124
DB 179 SSHPEYQYQFQWKNFTLKIIVGLVPLLVWVICYGLIKTLRCRNEKGRHRAVLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 154
DB 239 TIMIVYFLWAPYNIIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 14
US-09-938-703-5
; Sequence 5, Application US/09938703
; Patent No. US20020110870A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-938-703-5

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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DB 1 MDYQSSPIVDINYTSPPCKINVKQIAARLLPLPSLVIFGVGNMLVILLINCKR 60
QY 50 -----YKGLC-----AAQWDFGNTMCQHQHVGHGHHHSYKCG--- 83
DB 61 LKSMTDIYLLNLAISDLFLITVPFWAHYAAQWDFGNTMC--QLTGLYIFGFSGIFF 118
QY 84 -----LCTRSQKGLHYTC 97
DB 119 ILLTIDRYLAVHVAHFALKARTVTFGWTSVITWVAVFASLPGLIFTRSQKGLHYTC 178
QY 98 SSHPEYQYQFQWKNFTLKI-----HORVHG----- 124
DB 179 SSHPEYQYQFQWKNFTLKIIVGLVPLLVWVICYGLIKTLRCRNEKGRHRAVLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 154
DB 239 TIMIVYFLWAPYNIIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 15
US-09-502-783A-2
; Sequence 2, Application US/09502783A
; Patent No. US20020132269A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CCR:
; FILE REFERENCE: HDGNR10
; FILE REFERENCE: 1488.1150006
; CURRENT APPLICATION NUMBER: US/09/502,783A
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-502-783A-2

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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QY 84 -----LCTRSQKEGLHYTC 97
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QY 98 SSHFPYSQYQFWKXFTLKI-----HORVHGG----- 124
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Job time : 107.605 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

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(without alignments)
379.130 Million cell updates/sec

Title: US-10-057-890A-31

Perfect score: 884

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Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	797	90.2	138	14	US-10-057-890A-10
3	379	42.9	352	9	US-09-725-285-2
4	379	42.9	352	9	US-09-759-841-2
5	379	42.9	352	9	US-09-779-879A-22
6	379	42.9	352	9	US-09-779-880A-22
7	379	42.9	352	9	US-09-813-653-15
8	379	42.9	352	9	US-09-813-653-17
9	379	42.9	352	9	US-09-796-202-1
10	379	42.9	352	9	US-09-195-662A-2
11	379	42.9	352	9	US-09-339-912A-2
12	379	42.9	352	9	US-09-938-719-5
13	379	42.9	352	9	US-09-939-226-5
14	379	42.9	352	9	US-09-938-703-5
15	379	42.9	352	9	US-09-502-783A-2

16	379	42.9	352	10	US-09-734-221A-14
17	379	42.9	352	11	US-09-826-509-477
18	379	42.9	352	13	US-10-106-623-2
19	379	42.9	352	14	US-10-232-686-2
20	379	42.9	352	14	US-10-086-814-1
21	379	42.9	352	14	US-10-067-800-22
22	379	42.9	352	14	US-10-290-058A-6
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28	379	42.9	352	14	US-10-233-423-67
29	379	42.9	352	14	US-10-433-845-4
30	379	42.9	352	15	US-10-360-828-1
31	374	42.3	352	14	US-10-164-649-52
32	374	42.3	352	14	US-10-439-845-2
33	373	42.2	352	9	US-09-779-879A-2
34	373	42.2	352	9	US-09-779-880A-2
35	373	42.2	352	14	US-10-067-800-2
36	373	42.2	352	14	US-10-135-839-2
37	363	41.1	352	13	US-10-106-623-20
38	258	29.2	184	9	US-09-938-719-4
39	258	29.2	184	9	US-09-939-226-4
40	258	29.2	184	9	US-09-938-703-4
41	258	29.2	215	9	US-09-938-719-6
42	258	29.2	215	9	US-09-939-226-6
43	258	29.2	215	9	US-09-938-703-6
44	181.5	20.8	332	14	US-10-095-876A-2
45	182	20.6	32	14	US-10-057-890A-13

ALIGNMENTS

RESULT 1

US-10-057-890A-31
; Sequence 31, Application US/10057890A
; Publication No. US20030044901A1
; GENERAL INFORMATION:
; APPLICANT: Coleman, Timothy
; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same,
; TITLE OF INVENTION: of Using the Same.
; FILE REFERENCE: PFS37
; CURRENT APPLICATION NUMBER: US/10/057,890A
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/265,782
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,858
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 31
; LENGTH: 157
; TYPE: PPT
; ORGANISM: Homo sapiens
US-10-057-890A-31

Query Match	100.0%;	Score 884;	DB 14;	Length 157;
Best Local Similarity	100.0%;	Pred. No. 1e-79;		
Matches 157;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MKVSVAAALSCMLVTALGSM	YQVSSPIYDINYYTSEPCOKINVKQIAAYKCGLC	AAQW 60
Db	1	MKVSVAAALSCMLVTALGSM	YQVSSPIYDINYYTSEPCOKINVKQIAAYKCGLC	AAQW 60
QY	61	DFGNTWCQHQVHGHHSYKGLCTRSQKGLHYTCSHFFYSQYQWKNFQTLKHOR		120
Db	61	DFGNTWCQHQVHGHHSYKGLCTRSQKGLHYTCSHFFYSQYQWKNFQTLKHOR		120
QY	121	VHGGGSKYKGLCOEFPFLNCCSSNRDLGHQVHAA		157
Db	121	VHGGGSKYKGLCOEFPFLNCCSSNRDLGHQVHAA		157

RESULT 2

US-10-057-890A-10
 ; Sequence 10, Application US/10057890A
 ; Publication No. US20030044901A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coleman, Timothy
 ; APPLICANT: Mansfield, Brian
 ; TITLE OF INVENTION: Scaffold Fusion Polypeptides, Composition for Making the Same, and
 ; TITLE OF INVENTION: of Using the Same.
 ; FILE REFERENCE: PF537
 ; CURRENT APPLICATION NUMBER: US/10/057,890A
 ; PRIOR FILING DATE: 2002-01-29
 ; PRIOR APPLICATION NUMBER: 60/265,782
 ; PRIOR FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,858
 ; PRIOR FILING DATE: 2001-01-31
 ; NUMBER OF SEQ ID NOS: 32
 ; SEQ ID NO 10
 ; LENGTH: 138
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-057-890A-10

Query Match 90.2%; Score 797; DB 14; Length 138;
 Best Local Similarity 100.0%; Pred. No. 3.7e-71;
 Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 20 MDYQVSSPIYDINYYTSEPCQKINVKQIAA---LCTRSQKEGLHYTC 79
 Db 1 MDYQVSSPIYDINYYTSEPCQKINVKQIAA---LCTRSQKEGLHYTC 60
 QY 80 YKGLCTRSQKEGLHYTCSSHPYSQYQFWKNFQTLKHQRVHGGGSGYKGLCQEFFGL 139
 Db 61 YKGLCTRSQKEGLHYTCSSHPYSQYQFWKNFQTLKHQRVHGGGSGYKGLCQEFFGL 120
 QY 140 NCGSSNRLDGHQRVHAA 157
 Db 121 NCGSSNRLDGHQRVHAA 138

RESULT 3

US-09-725-285-2
 ; Sequence 2, Application US/09725285
 ; Patent No. US20010000241A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Li, Yi
 ; APPLICANT: Ruben, Steven, M.
 ; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGMR10
 ; TITLE OF INVENTION: (CCR5 Receptor)
 ; FILE REFERENCE: 1488.1150003
 ; CURRENT APPLICATION NUMBER: US/09/725,285
 ; PRIOR FILING DATE: 2000-11-29
 ; PRIOR APPLICATION NUMBER: 09/339,912
 ; PRIOR FILING DATE: 1999-06-25
 ; PRIOR APPLICATION NUMBER: 09/195,662
 ; PRIOR FILING DATE: 1998-11-18
 ; PRIOR APPLICATION NUMBER: 08/466,343
 ; PRIOR FILING DATE: 1995-06-06
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence: Genomic
 ; FEATURE:
 ; OTHER INFORMATION: Deduced Amino Acid Sequence
 US-09-725-285-2

Query Match 42.9%; Score 379; DB 9; Length 352;
 Best Local Similarity 35.0%; Pred. No. 2.4e-29;
 Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 20 MDYQVSSPIYDINYYTSEPCQKINVKQIAA---LCTRSQKEGLHYTC 49
 Db 1 MDYQVSSPIYDINYYTSEPCQKINVKQIAA---LCTRSQKEGLHYTC 60
 QY 50 -----YKGLC-----AAAQWDFGNTWCQHQRVHGGHHHSYKCG--- 83
 Db 61 LKSMWDIYLLNLALISDLFFLLTPFWFAHYAAQWDFGNTWC---QLLTGLYFIGFSGIFF 118
 QY 84 -----LCTRSQKEGLHYTC 97
 Db 119 IILLTIDRYLAVHVAFAKARTVTGVVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
 QY 98 SSHFPYSQYQFWKNFQTLKI-----HQRVGG----- 124
 Db 179 SSHFPYSQYQFWKNFQTLKIILGLVPLVWVICYSGILKTLTLRCRNEKKRRAVELIF 238
 QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQRV 154
 Db 239 TIMIVYFLWAPYINIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 4

US-09-759-841-2
 ; Sequence 2, Application US/09759841
 ; Patent No. US20010039026A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rickett, Graham A
 ; APPLICANT: Dobbs, Susan
 ; APPLICANT: Perros, Manousos
 ; TITLE OF INVENTION: Assay Method
 ; FILE REFERENCE: PC10348APME
 ; CURRENT APPLICATION NUMBER: US/09/759,841
 ; CURRENT FILING DATE: 2001-01-12
 ; PRIOR APPLICATION NUMBER: GB 0000661.9
 ; PRIOR FILING DATE: 2000-01-12
 ; PRIOR APPLICATION NUMBER: GB 0000663.5
 ; PRIOR FILING DATE: 2000-01-12
 ; PRIOR APPLICATION NUMBER: GB 0000659.3
 ; PRIOR FILING DATE: 2000-01-12
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-759-841-2

Query Match 42.9%; Score 379; DB 9; Length 352;
 Best Local Similarity 35.0%; Pred. No. 2.4e-29;
 Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
 QY 20 MDYQVSSPIYDINYYTSEPCQKINVKQIAA---LCTRSQKEGLHYTC 49
 Db 1 MDYQVSSPIYDINYYTSEPCQKINVKQIAA---LCTRSQKEGLHYTC 60
 QY 50 -----YKGLC-----AAAQWDFGNTWCQHQRVHGGHHHSYKCG--- 83
 Db 61 LKSMWDIYLLNLALISDLFFLLTPFWFAHYAAQWDFGNTWC---QLLTGLYFIGFSGIFF 118
 QY 84 -----LCTRSQKEGLHYTC 97
 Db 119 IILLTIDRYLAVHVAFAKARTVTGVVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
 QY 98 SSHFPYSQYQFWKNFQTLKI-----HQRVGG----- 124
 Db 179 SSHFPYSQYQFWKNFQTLKIILGLVPLVWVICYSGILKTLTLRCRNEKKRRAVELIF 238
 QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQRV 154
 Db 239 TIMIVYFLWAPYINIVLLNTFQEFFGLNCCSSNRLDQAMQV 281

RESULT 5

US-09-779-879A-22
; Sequence 22, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGNR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/09/779,879A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 22
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-779-879A-22

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYQVSSPIVDINYITSEPCQKINVKQIAA-----49
Db 1 MDYQVSSPIVDINYITSEPCQKINVKQIAARLLPLYSILVIFGVGNMLVILINCKR 60
QY 50 -----YKGLC-----AAQMDFGNTMCOHQRVGHGHHHSYKCG---83
Db 61 LKSMTDIYLLNLALSDFLLTVPFWAHYAAQMDFGNTMC--QLLTGLYIFGFSGIF 118
QY 84 -----LCTRSQKEGLHYTC 97
Db 119 IILLTDRYLAHVAVFALKARTVFGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 98 SSHFPYSQYQFWKNFQTLKI-----HORVHG-----124
Db 179 SSHFPYSQYQFWKNFQTLKIVILGLVPLLVWVICYSGLIKTLRCRNEKRRHRAVLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 154
Db 239 TIMVYFLFWAPYINVLNTTFOEFFGLNCCSSNRLDQAMQV 281

RESULT 6

US-09-779-880A-22
; Sequence 22, Application US/09779880A
; Patent No. US200200618341
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGNR10
; FILE REFERENCE: 1488.115000C
; CURRENT APPLICATION NUMBER: US/09/779,880A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patent in version 3.0

; SEQ ID NO 22
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-779-880A-22

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYQVSSPIVDINYITSEPCQKINVKQIAA-----49
Db 1 MDYQVSSPIVDINYITSEPCQKINVKQIAARLLPLYSILVIFGVGNMLVILINCKR 60
QY 50 -----YKGLC-----AAQMDFGNTMCOHQRVGHGHHHSYKCG---83
Db 61 LKSMTDIYLLNLALSDFLLTVPFWAHYAAQMDFGNTMC--QLLTGLYIFGFSGIF 118
QY 84 -----LCTRSQKEGLHYTC 97
Db 119 IILLTDRYLAHVAVFALKARTVFGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178
QY 98 SSHFPYSQYQFWKNFQTLKI-----HORVHG-----124
Db 179 SSHFPYSQYQFWKNFQTLKIVILGLVPLLVWVICYSGLIKTLRCRNEKRRHRAVLIF 238
QY 125 -----GGSYKGLC-----QEFFGLNCCSSNRLDGHQV 154
Db 239 TIMVYFLFWAPYINVLNTTFOEFFGLNCCSSNRLDQAMQV 281

RESULT 7
US-09-813-653-15
; Sequence 15, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT APPLICATION NUMBER: US/09/813,653
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 15
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-15

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYQVSSPIVDINYITSEPCQKINVKQIAA-----49
Db 1 MDYQVSSPIVDINYITSEPCQKINVKQIAARLLPLYSILVIFGVGNMLVILINCKR 60
QY 50 -----YKGLC-----AAQMDFGNTMCOHQRVGHGHHHSYKCG---83
Db 61 LKSMTDIYLLNLALSDFLLTVPFWAHYAAQMDFGNTMC--QLLTGLYIFGFSGIF 118
QY 84 -----LCTRSQKEGLHYTC 97
Db 119 IILLTDRYLAHVAVFALKARTVFGVTSVITWVAVFASLPGLIFTRSQKEGLHYTC 178

QY 98 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124
Db 179 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124
QY 125 -----GSKYKGLC-----QEFFGLNCGSSNRLDGHQV 154
Db 239 TIMVYVFLWAPYINVLNTFOEFFGLNCGSSNRLDQAMQV 281

RESULT 8

US-09-813-653-17
; Sequence 17, Application US/09813653
; Patent No. US20020064770A1
; GENERAL INFORMATION:
; APPLICANT: Nestor, John
; APPLICANT: Wilson, Carol
; APPLICANT: See, Raymond
; APPLICANT: Tan Hehir, Christina
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
; FILE REFERENCE: CNS-005
; CURRENT APPLICATION NUMBER: US/09/813,653
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,946
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/190,996
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/191,299
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 17
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-813-653-17

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYQVSSPIYDINYYTSEPCQKINVKQIAA----- 49
Db 1 MDYQVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVGNMVLILINCKR 60
QY 50 -----YKCGLC-----AAAQWDFGNTMCOHQHVHGHHSYKCG--- 83
Db 61 LKSMTDIYLLNLAISDLFFLLTPVFWAHYAAQWDFGNTMC--QLLTGLYFGFGSGLIFF 118
QY 84 -----LCTRSQKEGLHYTC 97
Db 119 IILLTDIYLVAVHAFKARTVFGVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
QY 98 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124
Db 179 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124
QY 125 -----GSKYKGLC-----QEFFGLNCGSSNRLDGHQV 154
Db 239 TIMVYVFLWAPYINVLNTFOEFFGLNCGSSNRLDQAMQV 281

RESULT 9

US-09-796-202-1
; Sequence 1, Application US/09796202
; Patent No. US2002006813A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPW/SHS
; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28

; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1
; LENGTH: 352
; TYPE: PRT
; ORGANISM: human
US-09-796-202-1

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYQVSSPIYDINYYTSEPCQKINVKQIAA----- 49
Db 1 MDYQVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVGNMVLILINCKR 60
QY 50 -----YKCGLC-----AAAQWDFGNTMCOHQHVHGHHSYKCG--- 83
Db 61 LKSMTDIYLLNLAISDLFFLLTPVFWAHYAAQWDFGNTMC--QLLTGLYFGFGSGLIFF 118
QY 84 -----LCTRSQKEGLHYTC 97
Db 119 IILLTDIYLVAVHAFKARTVFGVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
QY 98 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124
Db 179 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124
QY 125 -----GSKYKGLC-----QEFFGLNCGSSNRLDGHQV 154
Db 239 TIMVYVFLWAPYINVLNTFOEFFGLNCGSSNRLDQAMQV 281

RESULT 10

US-09-195-662A-2
; Sequence 2, Application US/09195662A
; Patent No. US20020076745A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HDGMR10 (CCRS Receptor)
; FILE REFERENCE: 1488.1150002
; CURRENT APPLICATION NUMBER: US/09/195,662A
; CURRENT FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Artificial Sequence; Genomic
; FEATURE:
; OTHER INFORMATION: Deduced Amino Acid Sequence
US-09-195-662A-2

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;
QY 20 MDYQVSSPIYDINYYTSEPCQKINVKQIAA----- 49
Db 1 MDYQVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVIFGFGVGNMVLILINCKR 60
QY 50 -----YKCGLC-----AAAQWDFGNTMCOHQHVHGHHSYKCG--- 83
Db 61 LKSMTDIYLLNLAISDLFFLLTPVFWAHYAAQWDFGNTMC--QLLTGLYFGFGSGLIFF 118
QY 84 -----LCTRSQKEGLHYTC 97
Db 119 IILLTDIYLVAVHAFKARTVFGVTSVITWVAVFASLPGIIFTRSQKEGLHYTC 178
QY 98 SSHFPYQYQFKNFOTLKI-----HORVHG----- 124

RESULT 12
 US-09-338-719-5
 ; Sequence 5. Application US/09338719
 ; Patent No. US20020106742A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAMSON, MICHEL
 ;
 ; PARMENTIER, MARC
 ; VASSART, GILBERT
 ; LIBERT, FREDERICK
 ;
 ; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
 ; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
 ;
 ; NUMBER OF SEQUENCES: 17
 ;
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Knobbe, Martens, Olson & Bear

Query Match	42.9%;	Score 379;	DB 9;	Length 352;
Best Local Similarity	35.0%;	Pred. No. 2.4e-29;		
Matches	99;	Conservative	7;	Mismatches 27; Indels 150; Gaps 7
QY	20	MDYQVSSPIVDINYYTSPBCKINVKQIAA	----	49
DB	1	MDYQVSSPIVDINYYTSPBCKINVKQIAARLLPLYSLVIFGFVGNMVLILLINCKR	60	
QY	50	-----YKCGLC-----	AAQWDFGNTWCQHQRVGHGHHHSYKCG--	83
DB	61	LKSMTDIYLLNTAISLDLPFLITVPFAHYAAQWDFGNTWC--	QLLTGLYFTGFGSIF	118
QY	84	-----	LCTRSQKSGLHYTC	97
DB	119	IILLTIDRYLAVVHAFALKARTVITGVTVSVITWVAVFASLPGLIIFTRSQKSGLHYTC	178	
QY	98	SSHFPYQYQFWKRFOTLKI	-----HQVHGG-----	124
DB	179	SSHFPYQYQFWKRFOTLKI	VILGLVPLLVWVICYSGLKTLRLCRNKKRRAVELIF	238
QY	125	-----GGSYKGLC-----	QEFFGLNCCSSNRLLDGHQRV	154
DB	239	TTMIVYELFWAPNVIVLLNTITQEFFGLNCCSSNRLLDQMOV	281	

```

RESULT 13
US-09-939-226-5
; Sequence 5, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
;
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
;
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
;
;
NUMBER OF SEQUENCES: 17
;
CORRESPONDENCE ADDRESS:
;
STREET: 620 Newport Center Drive 16th Floor
;
CITY: Newport Beach
;
STATE: CA
;
COUNTRY: U.S.A.
;

```

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;
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,226
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-226-5

```

```

Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 20 MDYQSSPIYDINTYTSEPCQKINVKQIAA----- 49
Db 1 MDYQSSPIYDINTYTSEPCQKINVKQIAARLLPPLYSILVTFGFGVGNMLVILINCKR 60
QY 50 -----YKCGLC-----AAAQWDGNTMCOHQRVHGHHSYKCG--- 83
Db 61 LKSMTDVILNLALSDFLFLLTPPWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 84 -----LCTRSQEGLHYTC 97
Db 119 IILLTDRLAVHVAHFALKARTVTFGVVTSVITWVAVFASLPGIIFTSQEGHYTC 178
QY 98 SSHFPYSQYQWKNFQTLK-----HQRVHGG----- 124
Db 179 SSHFPYSQYQWKNFQTLKIVLGLVPLLVWVICYSGLKTLRCNKKRRAVLIF 238
QY 125 -----GGSYKCGLC-----QEFFGLNCCSSNRLDGHQRV 154
Db 239 TIMVVFLEWAPYINVLNTQEFFGLNCCSSNRLDQAMQV 281

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RESULT 14
US-09-938-703-5
; Sequence 5, Application US/09938703
; Patent No. US20020110870A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 352 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-938-703-5

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Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

QY 20 MDYQSSPIYDINTYTSEPCQKINVKQIAA----- 49
Db 1 MDYQSSPIYDINTYTSEPCQKINVKQIAARLLPPLYSILVTFGFGVGNMLVILINCKR 60
QY 50 -----YKCGLC-----AAAQWDGNTMCOHQRVHGHHSYKCG--- 83
Db 61 LKSMTDVILNLALSDFLFLLTPPWAHYAAQWDFGNTMC--QLLTGLYFIFFSGIFF 118
QY 84 -----LCTRSQEGLHYTC 97
Db 119 IILLTDRLAVHVAHFALKARTVTFGVVTSVITWVAVFASLPGIIFTSQEGHYTC 178
QY 98 SSHFPYSQYQWKNFQTLK-----HQRVHGG----- 124
Db 179 SSHFPYSQYQWKNFQTLKIVLGLVPLLVWVICYSGLKTLRCNKKRRAVLIF 238
QY 125 -----GGSYKCGLC-----QEFFGLNCCSSNRLDGHQRV 154
Db 239 TIMVVFLEWAPYINVLNTQEFFGLNCCSSNRLDQAMQV 281

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RESULT 15
US-09-502-783A-2
; Sequence 2, Application US/09502783A
; Patent No. US20020132269A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CCI)
; FILE REFERENCE: 1488.1150006
; CURRENT APPLICATION NUMBER: US/09/502,783A
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 08/466,343
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-502-783A-2

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Query Match 42.9%; Score 379; DB 9; Length 352;
Best Local Similarity 35.0%; Pred. No. 2.4e-29;
Matches 99; Conservative 7; Mismatches 27; Indels 150; Gaps 7;

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QY 20 MDYQVSPYDINYTSEPCQKINVQIAA----- 49
Db 1 MDYQVSPYDINYTSEPCQKINVQIAARLLPPLYSLVFIFGVGNMVLILLINCKR 60
QY 50 -----YKCGLC----- 83
Db 61 LKSMTDIYLLNLAISDLFFLLTVFPAHAAAQWDFGNWTC--QLLTGLYFIFGFSGIF 118
QY 84 -----LCTRSQKGLHYTC 97
Db 119 ILLTIDRYLAVVHAFALKARTVTFGVVTSVITWVAVFASLPGLIFTRSQKGLHYTC 178
QY 98 SSHPPYSQYQFWKQFOTIKI-----HQRVHGG----- 124
Db 179 SSHPPYSQYQFWKQFOTIKIIVILGLVPLLVWVICYSGILKTLRCRNEKKHRAVLIF 238
QY 125 -----GGSYKGLC---OERFGLNCCSSNRDGHQRY 154
Db 239 TIMVYFLEWAPYINIVLLNTFQEFFGLNCCSSNRDQAMQV 281

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Search completed: March 18, 2004, 00:55:15
Job time : 107.605 secs